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DETROIT, TUESDAY, MARCH 10, 1885-WITH HOUSEHOLD,

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VOLUME XVI.

"PRACTICE WITH THEORY AND SCIENCE."

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NOTES BY THE WAY.

Annual Meeting of the Macomb nty Sheep-Breeders and Wool-Grow-Association-A Visit Among a Few the Breeders.

The second annual meeting of the acomb County Sheep-Breeders' and 700l-Growers' Association was held at arble Hall, Romeo, on the 26th of ebruary. A blockade on the railway vented the representative of the FARMfrom reaching Romeo until a large part programme had been gone through h. The exercises began with a paper 0. S. Bristol, of Almont, on "The year-olds than any breeder around. Probiffculties and Advantages of New Be- ably his breath is good for sheep. This ners." This was followed by one on finished up the trip, and the day also, and The Breeding and Rearing of Lambs in the horses' heads were turned towards nde Flocks," by G. A. True, of Armada. Romeo, which was reached just as the hen Will M. Chapman gave one on The Care and Management of Stock ns," a subject he is fully conversant ith. Papers were also presented by F. Scott, Robert McKay and I. H. Butrfield, the latter being read by George hillips, Jr. Then P. M. Bently, of aris, read a paper entitled "Can We ford to Raise Wool, in Free Competith the World." which opened up a ery sharp discussion over the tariff. Mr. ob Van Hoosen, Wm. Graham, Mr. ently and others spoke in favor of a ective tariff, while Wm. H. Blow, of

ornville, took the other side. Mr ow supported his opinions very ably; Mr. Van Hoosen, who seemed loaded the occasion, developed a talent debate that would have done edit to some of the champion protionists of the country, and dealt eige-hammer blows at what he proounced the fallacies of free trade. The heep men present as a rule took the same iew, and showed by their remarks that American principle of protection a strong hold among the farming munity. After an adjournment for opper, a paper on "Legislation on Sheep ad Wool Growing," by R. Gibbons, was ad, and the tariff fight was rule it it as much ardor as ever. When it fould quiet down for a moment, Presient Phillips would stir it up again until very one had a chance to free his mind,

most of those present did so. Mr. S. B. Hammond, of Kalamazoo, spaper which was read by Mr. O. Bristel, of Almont, and closed up the rogramme. The hall was well filled ith the farmers and sheep breeders of omb County, with a few from Oakudand Lapeer. The meeting was conered a very successful one, and votes thanks were extended to those who

prepared papers. the next morning, upon invitation of orge W. Phillips, a visit was paid few of the breeders around Romeo. were made at the farms of J. C. son, A. D. Taylor and S. A. Colby. ien the party drove through Romeo and three miles to the west to see Mr. J. Thorrington, one of the pioneer sheep ders of the county. The snow was deep in the north and south roads, many fields were trespassed on bethe Thorrington farm was reach-Here we found an extensive of some 600 acres, slightly unduing, through which the main road runs, with stately farm house and fine farm ings, showed how successfully its prietor had solved the oft-asked ques-"Does farming pay?" As soon as Thorrington appeared, the party adfaed to the sheep barn to look over his This flock has been a noted one for and whether wool was high or low, free trade or protection the policy rulg in the government, its proprietor ever lost confidence in his sheep, or stophis efforts to improve them. He has lock of large, square built animals, trying a staple of good length and char-

with only a fair amount of

The breeding ewes had come

agh the winter in good shape, and

looked vigorous and hearty. A number of yearlings were handled, and pronounced good enough for anybody. Mr. Thorrington believes in growing wool, and we think he will be able to show some rethem to make them a good investment for a manufacturer at an the average wool grower. He has a few young rams that show good style and breeding. Mr. Thorrington has also done a little in Shorthorns, and is preparing to do more. He has bred a number of high grades in the past, and is now trying thoroughbreds. Here we saw a black threeneighbor, and out of a well bred mare. He is well finished, getting size from his sire, and the round quarters, clean limbs, and neat head of his dam. A black colt by him was let out in the yard, and is a good picture of what his sire was at his age. Three or four good breeding mares are kept on the farm, and taken altogether the live stock is a credit to Mr. Thorrington and his son Charley, who seems to be a very useful adjunct to the farm outfit. After looking over the stock, the party adjourned to the house to pay their respects to Mrs. Thorrington. It took considerably longer than it did to look over the stock, but even the veteran ex-President of the State Agricultural Society succumbed to the generous hospitality of Mrs. Thorrington, and tarried long beyond the appointed time. We hope to have more time and warmer weather when we make another visit

the land.

MICHIGAN CATTLE BREEDING.

and susceptible of proof.

one in the lot.

When we come to the females of the

opinions of any value they are at his service. You may rest assured, Mr. Subscriblunder in the shape of deep plowing. The strength of a clay soil lies deep, while that of a thin sandy soil is generally contained in about three inches of surface soil. There is such a thing as soil lying too loose, as well as too compact. One roller on a sandy farm is worth a dozen subsoil plows. A's to the manner of apit be fairly covered from sun and air, so

FOSTORIA, March 8th, 1885.

DR. PAAREN. State Veterinarian of Illinois, after consulting with Gov. Oglesby, decided to purchase and destroy the five Jersey cattle remaining in the herd of M. G. Clarke of Geneva, Ill., from which so much pleuro-pneumonia has been disseminated. This was done Monday of last week, and an autopsy of two of them by Drs. Paaren and Baker revealed chronic pleuro-pneumonia of long standing. In one of the cases both tuberculosis and

markably fine fleeces this spring
—fleeces with sufficient delaine in advance over current prices paid to year-old stallion, from the Percheron stallion owned by Wm. H. Brabb, a through this fine section. A stop was next made at the farm of

Mr. J. W. Thorrington, (or Weed Thorrington as he is known among sheepbreeders), but he was absent. We had a look at his ram Macomb, and also at some of his big ewes, which looked as smooth and round as Southdowns. He seems to get more size into his yearlings and twoshadows of night were settling down upon

LIGHT SOILS. "Subscriber" of Battle Creek solicits council on the treatment of sandy soil. From the tenor of his letter he seems to be a disciple of Horace Greeley's on the subject of deep plowing-indeed it may what I know about farming. But if day, and conversant with the value of imseventy years on a farm, or rather on farms of varied soils, can render my ber, that the shallow plowing which covered Oakland County than he deterbrother Holt recommends, is the treatment required by light soils. It might and probably would take many years to repair ups and downs experienced in the forty the damage done to your farm. by one odd years of cattle breeding, his confito such men as Mr. Brooks and a few of plying manure on such a soil I would say his early associates that Michigan to-day the nearer the surface the better, provided can boast of more improved stock of all deas to prevent evaporation. Encourage your clover, that is right.

for through its agency you draw from the atmosphere just what your soil most needs. The re-sowing and dragging is good, but by no means forget to roll after dragging. On such soils nothing pays so well on clover as plaster. Salt may benefit future crops, but is of little use on clover. Your unleached ashes are valuable for almost any crop, and on almost any soil. Just try them this coming summer, on two rows of corn, through the middle of your field, a tea-cup full to the hill, applied just after planting, or if after the corn is up they should not come in contact with the tender sprouts. You will see the difference as far as you can see the corn field. Stable manure is that on which the farmer must place his chief reliance, next to good cultivation, but the less pine shavings the better, for this soil especially. So far as the guano is concerned I have no opinion of my own to express. The analysis of different samples shows some to be of great value, others very little. If you insist on deep plowing try three or four inches on the start. Work in all the stable manure and clover roots you can, and go an inch deeper each year. You will soon be deep enough, and probably get fair crops each year.

pleuro-pneumonia existed.

[Recorded with pedigree in the Percheron Stud-Books of France and America.]

Foaled in 1882. A most extraordinary colt, weighing 2,040 lbs., and as perfectly developed as a five-year old. A prize winner at the Concours of the Société Hippique Percheronne held at Nogent-le-Rotrou, May, 1884, and one of the six horses selected to be sketched by Rosa Bonheur. These six horses are the first to be imported to this country of the many animals sketched by this famous artist. They were imported August, 1884, by M. W. Dunham, Wayne, DuPage Co., Ills. Cesar was the First Prize horse at the World's Fair, New Orleans, in the two-year old class—thirteen entries; and one of the First Prize Herd, of any breed, at same show. AN EVENT IN THE HISTORY OF breeding but a regular breeder and a show animal. A two year old and a yearling from this cow, and by Oakland Rose of The Oldest Shorthorn Herd in the State to Sharon, are fine ones. Medusa 3d, a be Broken Up-Mr. A. S. Brooks Decides Gywnne, sired by 23d Duke of Airdrie to Close out his Entire Herd at Auction. 19893, is a red roan, coming eight years old, and her red yearling heifer, Medusa 7th by Oakland Rose of Sharon, should Mr. A. S. Brooks, the veteran Shorthorn breeder, having decided to close out bring out considerable competition, as the his entire herd at auction and retire from the business, a representative of the FARMER gave him a call the past week holme, by Duke of Dungsre 33248, (a Rose to look over the cattle to close out the breeder. The 3d Bellon chess of Fair-holme, by Duke of Dungsre 33248, (a Rose to look over the cattle to be offered. As of Sharon with Duke top crosses), is a Mr. Brooks began breeding Shorthorns large red cow of much substance, bred by over 40 years ago, and stock from his Hon. T. C. Jones of Ohio. Her yearling herd is to be found in every portion of heifer Bell Duchess of Oakland, is a red the State where Shorthorns are known, the breaking up of the herd marks an era in the breaking of these cattle in Michied by Mr. Ball. Her last year's calf, 2d gan. Coming into the State at an early Bell Duchess of Oakland, is by Oakland Rose of Sharon 44452, a deep red, is a proved cattle from experience obtained handsome animal, with neat small head, while living in the famous Genesee Valley, | long in the body, straight top and bottom, Mr. Brooks had no sooner got settled in well covered shoulder points, and a good the midst of the wilderness that then model of what a Shorthorn should be. Red Bird 2d, the oldest cow in the herd, mined to bring in some Shorthorns. From is now eight years old, was sired by that time until the present day, in all the 11th Duke of Hillsdale 13987, bred by Wm. Curtis & Sons, and out of Red Bird by Duke of Greenwood 9855, bred dence has never wavered in the ultimate by B. Vanmeter of Kentucky. She traces to imp. Young Phyllis by Fairfax (1023). recognition of the value of improved cattle by the farming commun- She has proved a good investment for Mr. Brooks, being a regular breeder, and ity. How well that confidence was her calves have always been good ones. justified can be partially learned by glanc-Three of her daughters, one four, one ing over the stock directory of Michigan breeders in this issue, and it was owing coming three, and one a yearling, all reds, will be offered. The Rowena family, tracing to imp. Pomona by Bedford Jr. (1701), will have three representativesone coming five, one two years old, and scriptions now generally disseminated one will be a year old at time of sale. among her agriculturists that any other These three are all reds, one sired by Red State in the Union. This may sound Prince (24568), and the other two by Oakrather boastful, especially as this State land Rose of Sharon 44452. The Bonnie has always been regarded as lacking in Lass family trace to the cow Bonnie Lass enterprise in this direction; but we beby Grand Duke of Moreton 5732, bred by lieve the assertion to be an absolute fact F. W. Stone, and are a branch of the Adelaide family; a cow and a heifer calf, the first sired by Red Prince 2:568, and

The herd now owned by Mr. Brooks is composed of cattle which in his long exthe latter by Oakland Rose of Sharon perience as a breeder he found best adapt-44452, will be offered. Another of Mr. ed to the requirements of his business-Brooks' families, the Belle Mahone, will vigorous, healthy, regular breeders, and have three representatives, one eight good at the pail or on the block. Every years old, one two, and a December calf. breeding animal in it is such as he design This family has given Mr. Brooks some ed to retain for his own use had he conof the finest show cows he has ever put in tinued in the business. His catalogue the ring, and the three mentioned will mentions 29 animals, of which 21 are fenot detract from the good name of the males, and eight males, and those who at family in this respect. They come from tend the sale will be struck with the simthe cow Belle Mahone, bred by Wm. Curilarity of the individual members of the herd in general make up and color. The tis & Sons, and sired by Plumwood Lad K. 34322. Harmony 3d, a three year old bull at the head of the herd is Oakland heifer, red with some white, was bred by Rose of Sharon 44452, bred by Hon. Wm. L. Palmer of Sturgeon, Mo., and was Ball, of Hamburg, and sired by Lord Barrington 2d 30115, a bull bred by Avery & sired by 5th Duke of Akland 41734, a Req-Murphy, of Detroit, sired by 23d Duke ick Rose of Sharon bull, by 4th Duke of of Airdrie 19893, and out of Duchess of Geneva 7931. On the dam's side she Bedford 2d, by Duke of Oxford and traces to imp. Bloom 1st by Breadalbane Gloster (28436). On the dam's side Oak- (28078), a Cruikshank cow, and tracing to land Rose of Sharon traces through Miss the best families of that noted breeder. Sangamon to imp. Rose of Sharon by In appearance she is a typical animal, low Belvedere (1706). All the young bulls on the leg, straight in her lines, showing to be offered are sired by this bull with great substance, and with all the marks of one exception, Bell Duke of Oakland 47469, a vigorous, growthy animal of fine quality. She is safe in calf. which was sired by Benedict 42881, by These comprise the females of the herd, Mazurka Duke 23994 out of Daisy Deane

and make up as fine a lot of breeding stock by 11th Duke of Hillsdale 13987. They as one could wish for. We look for s range from a few months to two years grand assemblage of breeders from all old, are all red in color, and not a poor over the State on the 15th of next month to attend this sale, as the dispersion of the herd will be a notable event in the history herd there is not one that has not bred of Shorthorn breeding in this State. regularly when of sufficient age. Oxford

Rose 2d, by 23d Duke of Airdrie 19393, out of imported Oxford Rose by King of the Roses (22043), is not only of high the price of whe t.

JERSEYS TO THE FRONT.

CESAR 3526 (601).

bred recorded cow owned in Michigan, of any breed, (Jersey and Guernseys excepted, as they are specially butter breeds), for a trial of one year, for quality and quantity of butter that is the most profitably made-size of cow and food, etc., being taken into considerationthe cows to be taken in charge by some honest, scientific man, and tested. Some will say-perhaps as an excuse, "How much money will you put up." To which we reply, none. We haven't any; and if we had we would not put it up. Not that we are afraid; but this is a matter of vital importance, and it ought not to'be gambled over. We will pay for any necessary expense that is incurred by the test of our cow.

We sincerely hope that at least half a dozen cows will be entered, and as soon as possible, so that arrangements can be made for conducting the tests. We have written Prof. Samuel Johnson, of the Agricultural College, for his advice, and he says he will lay the matter before our State Board of Agriculture. If the cows could be taken to the State farm and tested by Prof. Johnson, we think it would be the best way; but first we must get the cows. We will put up the Jersey cow Lillie Pope 8589 A. J. C. C. H. R., seven years old in July next, weight about 1,000 lbs., in good condition; dropped her last calf Nov. 18, 1883, and is due March 15, 1885; has not been dry since dropping her last calf, about fifteen months. Report your cows through the SMITH BROS.

DEAR SIR:-Will you please publish how creamery butter is made at the fac-tories, and whether they buy the milk or cream; whether it is delivered at the actory by the seller, or by the buyer, and

A SUBSCRIBER.

THE CREAMERY SYSTEM.

o the Editor of the Michigan Farmer

MATHERTON, Feb. 23, 1885.

The system of making creamery butter was first inaugurated by a man named Fairlamb, the same party known as the in ventor of the Fairlamb can for the setting of milk. A factory is started at some point, by one person, or may be worked on the co-operative plan. It undertakes to supply the farmers who will sell their cream with cans and tanks to set the milk in. which still remain the property of the factory. Each farmer is supplied with sufficient cans to hold three milkings.

The night's milk is set in one and the next day the agent from the factory comes along and skims the cans, leaving the milk with the farmer, sweet. The knowledge on the subject.

"Would like an explanation of the cause, and way to prevent it, from some scientist. Would like to hear from Dr. Kedzie, or any one who has any the milk with the farmer, sweet. The knowledge on the subject. The night's milk is set in one and the the milk with the farmer, sweet. The knowledge on the subject. depth of cream is taken, and the price paid is the same as that paid for butter at the

store. Thus if butter at the store is worth 15c per pound, the cream is worth 15c

equently a better price is realized. The advanced price is not always paid for creamery butter, because it is better than the other, but because it is always

bring up the reputation of Michigan butter all over the country, and only those who are now handling it know how much this is needed.

DAIRY CATTLE AT THE FAT STOCK SHOW.

The Illinois State Board of Agriculture at a late meeting decided not only to have an exhibition of dairy stock in connection with the fat stock show, but to offer liberal premiums for dairy products. The classification of premiums for dairy stock for the next fat stock show is as follows

HOLSTEIN OR PRIESIAN CATTLE. bird best.....est bull three years old and over AYRSHIRE. Best cow three years old and over. Best cow three years old and over. OTHER DAIRY BREEDS Best cow three years old and over. Best bull three years old and over. Information Wanted.

To Editor of the the Michigan Farmer.

and yellow clay put on with a brush, and then a solution of one tumbler full of muriatic acid to one pail full of water, with which it was gone over after painting. Now whenever the weather changes the brick will become spotted with white then a solution of one tumbler full of the brick will become spotted with white on the south side of the house, and not elsewhere. The south side was put on when the thermometer indicated 90 deg. above zero. Has that any thing to do with causing the spotting, or what is the cause, and what can I do to prevent it? Will an application of water and acid, Will an application of water and acid, in the proportion as used first, be of any

ADAM HAAS.

PENCIL SKETCHES BY THE WAY.

For a time our route will be confined to the township of Marion, in which we found much good land and many good farmers, with fine buildings and stock.

farmers, with fine buildings and stock.

H. H. Clements has 80 acres, a splendid new house, two stories high, 26x28 feet, and we only regret that we were not at the "house warming." His hogs are Poland Chinas, and the flock of thirty Merinos are of the breeding of S. O. Hadley.

S. W. Dickerson has a splendid 80 acre farm, fine brick house, and in the distant field we saw some high grade cattle and a Shorthorn bull. He usually feeds some choice cattle.

Henry T. Love is a more extensive farmer, having 375 acres, one of the largest and best farms in town. He generally feeds both cattle and sheep, of the former generally ten head, of the latter about 100. His three years old Hampshire buck was bred by Uncle Billy Whitfield, weighs 186 lbs., and is used to cross upon grade Merinos for mutton purposes.

buck was bred by Uncle Billy Whitfield, weighs 186 lbs., and is used to cross upon grade Merinos for mutton purposes.

Hon. George Coleman was born in New York State, came here in 1843, lives on the same 385 acres that his father settled on, and is a good one; has good house and barns, a good library, is genial and frank in his nature, Democratic in his politics; gets the Hon. attached by being elected to the State Legislature two years ago by a majority of six, and returned this year by one of 637, has been supervisor four terms, Justice of the Peace sixteen years, enjoys life and the good things of this world in a sensible, practical way, has a herd of nine head of pure bred Galloways, purchasing as a foundation a heifer and a bull from Wm. A. Hood of Guelph, Ont., in 1870. Within this short time he has sold quite a number of pure bred ones to other parties, therefore 'tis we find the numbers to small. The aged cow is one of the best we ever saw, has proved herself a splendid breeder, and a fine milker, and the whole herd are more than fair specimens of the breed individually. As we glance at the improvements on the farm our attention is called to ten acres of marsh that have been reclaimed, and is now good wheat and corn land, yielding good crops of both. Why do not more of our farmers in this country, so noted for its swamps and catholes, reclaim them? Less than three miles of tiling have been done on the farm to accomplish it. tiling have been done on the farm to ac-

EAGLE, Mich., March 4, 1885.
To the Editor of the Michigan Farmer.

A great deal has been said and written by breeders and fanciers of the difference between the store butter and creamery. Thus it will be seen that the farmer gets the price for which is the best for butter. Shorthorn breeders seldom claim large butter yields, but Holstein breeders claim that they have the milk and butter machine combined in perfection, as well as beef. Jersey breeders claim that their breed is especially adapted to butter-making, and that in this it leads the world.

As we are breeders of the last named breed of cattle (on a very small scale), it naturally follows that we believe this, and we will take one cow from our little herd, and pit her against any thorough-breed. bred by John Harris, Pinckney, is six years old, very compact, a good sire, and sheared 25½ lbs. for his sixth fleece. He has been in use two years on the flock, and has made much improvement. One of than the other, but because it is always uniform and always good. Then under the creamery system the farmer gets his returns each mouth in cash and the merchant is rid of this perplexing feature in his business.

The establishment of the creamery system in this State would tend to bring up the reputation of Michigan but.

The definition of Michigan but. registered ones at an early day and sure are we that then he would have been one of the first breeders in this State.

Six miles from Howell, the county seat, is the "White Oak" stock farm of Lyman K. Beach, who is known by every one in the county as a genial enterprising farmer, a good judge of cattle, an honest drover, (there are such, as we can certify), in political times a red hot Democrat, an earnest worker and the present supervisor of his town. The farm is one of the best ones in the county and was settled upon by his father in 1837, when there was nothing but wilderness, and comprised 205 acres of slightly undulating land, heavily timbered formerly with white oak, and of rich soil that yielded this year 33 bu. of wheat to the acre, and 2,000 bu. of ears of corn from 16 acres. As we stroll over the farm and notice its delightful situation, the condition of the fences, and absence of bushes and briars from the corners, the system of thorough tiling that has been done, and see not one foot of waste land, we think it deserves its reputation as one of the best in town. The barns are ample and quite complete. The old homestead house has been remodelled the last year into a spacious country man sion, is now full two stories, 28x28 and 27 x30 feet, is handsomely finished, and well arranged. In stock we notice first the flock of grade and registered Merinos, numbering now 225, upon which have latterly been used stock rams bred by E. J. & E. W. Hardy of Oceola Center. Most of the registered flock were sired by Fortune, who sheared 32 lbs., 2 oz., with a three inch staple. He was purchased in 1878 from Hatch & Losee of Darien, N. To Editor of the the Michigan Farmer.

Last summer I built a brick veneered house, painted and penciled it. The paint used was composed of best venetian red and yellow clay put on with a brush, and in Western New York and have been heavy Pasacas, one of them a four year of mare, is owned by F. J. Amos, and strong limbed, good feet, powerful i build, is level headed and can be, wit

(Continued on eighth page.)

THE MICHIGAN IMPORTATION COMPANY.

This company have their American headquarters at the enterprising town of Hillsdale, Hillsdale County, Mich, where the firm, W. H. Smith & Co., stand high as horsemen. A branch is located at Greenwich, Ohio, under the manage. ment of J. C. & H. H. Stonner. Arch Wilson of Glasgow, Scotland, is the representative abroad; he is an experienced horseman who travels over England and Scotland to secure the best stallions of fashionable blood to be found, and from his selection the company receive all their shipments of improved Cleveland bay, English Coach, Shire and Clydesdale stallions · Our representative lately called at the Messrs. Smith's stables and reports some fine stock on hand. As the Cleveland bays are rapidly coming to the front and into favor in our State the choicest representatives of them were first led out.

Lord Salisbury was bred by Henry Facett, Belthorpe, York, is an improved Cleveland bay English Coach stallion, foaled in 1881; imported in 8 ptember 1884, by W. H. Smith & Bro., of Hillsdale, Mich., and Arch Wilson, of Glasgow, the Michigan Importation Company, with headquarters at Hillsdale. Lord Salis bury was sired by Paragon, he by Theo dore, he by Governor. Lord Salisbury's dam was sired by Overplus, grand-dam by Inkerman Hero. He stands 16 hands high, weighs 1,340. lbs., rich dark bay in color with black points, sprightly and stylish, plenty of action and shows a fine guit

Next came the bay English Coach stal lion, Swell, bred by John Kir y. Burton Fields, Stamford Bridge, foaled in 1881; imported in July, 1684. Swell was sired by Foston's Fireaway, he by frifflit's Fireaway, he by Hairsine's Achilles. The Swell's dam by Taylor's Sir Charles, grand-dam by Cato, great grand-dam by and form as a thoroughbred, and stands and weighs 1200 lbs.; has lots of action stallions ought not to leave the State but of horses that must be bred to meet the required demand in it.

Warrior was bred by Mrs. Smith, Chanlockfoot, Thornhall, is an improved Cleveland bay English coach stallion, foaled in 1883; imported in July, 1884 Warrior was sired by Salesman, he by Hodgson's Salesman, he by Old Drover. Warrior's dam by Emperor, grand dam by Monarch, Junior, great grand-dam by Pink, of Cleveland. He is a very promising horse of his age and promises good

In the other classes worthy of note were Scotchman, chestnut; white face, silver mane and tail, stallion. Foaled in 1878, sired by Scotsman, an imported Clydesdale owned by the Live Stock Company of Ligonier, Ind. Dam by imported gray Norman, grand-dam Morgan. Scotchman is a fine stock getter, weighs 1.700 lbs., and is owned by W. H. Smith & Bro.

Prince, bay stallion bred by W. H Smith & Bro. Foaled in 1882. Stred by Smith's Imperial (imported) he by Napo leon III, dam by England's Glory. Prince's dam Pat, she by Updike's Clydesdale, grand-dam by a son of American

for there are several others of right good | fattening poultry in cities. merit. There are some fine roadsters and tretters in stable, notably a three year old by Lexington Chief, Jr., and a four year old bay mare by Fiske's Star with Velve teen by imported Printer for dam; granddam by Henry Clay. The Messrs. Smith are very enterprising men, have imported skinned root was alone in favor; from and sold many fine stallions of the several classes in which they deal; are large buyers | ion inclines to both. The professor lays of roadsters and coach horses, usualty shipping a car-load a month to New York | with the saccharine richness of the root, and other eastern cities, making for the breeders in their locality a fine cash market for such stock and constantly induc ing by large prices paid to breed what they and the public demand. Having had large experience in treatment of horses they now furnish valuable medicines for chlils, lung fever, coughs, colds, pleurisy, etc., and throat and lung liniments, sending them to all parts of the United States, and are reliable breeders and dealers and ship more good horses to market than prepared, well supplied with humus, and any other firm in Michigan.

Death of Sir Charles, Popularly Known as Old Charley.

INGHAM COUNTY, March 3d, 1885.

To the Editor of the Michigan Farmer. Not having seen any mention of the death of Sir Charles, the well known stal lion owned by A. T. Ingalls near Leslie for the past 20 years, more or less, I venture to send in some facts concerning him. He has undoubtedly sired more good general purpose horses than any other horse in the State. He was foaled in Vermont in the year 1852, and has seen pricked with red spots, which soon beactive service in this State 'ever since he was seven years old, until within the last year, when he commenced to fail and died of old age about three weeks ago. He was sired by David Webster, he by Hill's Black Hawk No. 5, he by Sherman Morgan, he by Justin Morgan, he by True Briton (Beautiful Bay) claimed to be a son | though only known in France this year. of the thoroughbred horse, imported has seen recognised in Germany and Bel-Traveler, but most likely was a son of gium, since some time. The parasite is Lord's Traveler, 2561, son of imported difficult to extirpate, as it exists without Traveler. Sir Charles' dam was by the Hemingway horse, a son of Black Hawk indeed all cruciferæ. No. 5. Daniel Webster's dam was raised on Long Island out of an Abdallah mare,

richly deserves notice in your horse notes. Respectfully.

be mentioned the stallions, Kyrat, Erin-

go-Bragh, King Herod, Surprise, Com

mander Portland Charlie, beside a great

many orners, all good stock getters; while

his daughters prove excellent brood mares

when crossed with Hambletonion, Mam-

brino, and other good strains of blood.

Their progeny compare favorably with

the best. In fact, we think the old fellow

Horse Gossip.

S. S. VAUGHN, of Jackson, Mich., recently sold a pair of fine bay geldings to Mr. Warren F. Leland, the New York hotel manager. They are 151/4 hands, good style and have consider able speed. Price not stated.

WE are indebted to the Secretary, Mr. Walter Clark, of Battle Creek, for a list of entries for the stakes offered by the Michigan Horse Breeders' Association, which closed on February 1st. We will give the entries in full as soon as we can take the space. This is really an important association for the breeders of trotting horses in our State, and every one of them should become members.

MENT OF THE WORLD .- One of the many wonderful enterprises the great West is noted for, a d one which none favored with opport tunity should miss seeing, is the great estab lishment of "Oaklawn," owned by M. W. Dunham, at Wayne, Ill., 35 miles west of Chicago. His importations of Percheron horses from France, to date, have aggregated in value the immer se sum of \$3,000,000.00, and at the present time at "Oaklawn," 500 head of the choicest specimens of that race can be seen nearly all recorded with pedigrees in full in the ercheron Stud Book of France.

Clergymen, lawyers, public speakers and singers, confirm the opinion of the general public in regard to Ayer's Cherry Pectoral All say it is the best remedy that can be procured for all affections of the vocal organs throat and lungs.

Che Farm.

Paris, Feb. 27, 1885.

OUR FRENCH LETTER.

Veterinary Professor Strebel, of Friourg. Switzerland, bears testimony to the success of vaccination as a preventive against charbon; in other words, he confirms toe P steur discovery. Switzerland loses about 2.500 head of cattle annually from the charbon plague, equal in value to half a million francs. In 1884 M. Duncan Gray. Le is as fine in contour S rebel states, 2 199 vaccinations were effect d on young cattle-heifers and unequalled in his class; is 16 hands high bullocks; of the results 1,499 cases are known, and only two were failures, due to coupled with extra speed. Those two injecting the vaccine when too much bleeding followed the incision made inbe retained for improvement in the style the skin, and the other to the operation having been made on a very sultry day. But these exceptions rather confirmed than militated against the preventive discovery. It was found that certain humid pasture lands were very favorable to the production of charbon; now the cattle vaccinated escaped the disease, while those not so treated were attacked. This vear Switzerland will vaccinate 20,000 head of stock. Care ought to be taken when inoculating, not to allow the instrument making the incision to penetrate the vertabræ of the tail, as such may lead to the loss of some of its joints. Also avoid operations in hot weather.

Of late, dairy industries have sprung up everywhere like mushrooms, the consequence has been something like an over production of cheese. The prospects for getting skim milk cheese off the hands are very gloomy. The price has sunk as low as 31 fr. per cwt. in some localities. It does not pay, it appears, to feed pigs with it. Now as the fertilizing value of one cwt. of cheese, according to Wolff, is 81 fr., it has been proposed to employ the cheese as manure, by first drying it, and then having reduced it to Eclipse.

Space is too limited to refer to them all.

Some recommend the powder also for and are stimulated to improvement; and all

Professor Vioelette has, since 30 years, conducted experiments to test the comparative value of beets for sugar production. He allu les to the fact that fashion sometimes leans to one color, and then to another; thus from 1850 to 1859, the white 1860 to 1874, the rose colored; now opindown that the color has nothing to do its purity of juice, or the yield per acre. It is the "flesh" of the root which decides. The best sugar beet has the flesh hard, the skin red lish, the crown very broad, covered with numerous leaves; the root very tapering, penetrating profoundly into the soil, and not protruding out of it. The tapering, deep-striking root, not only produces the richest juice, but the latter is especially pure. But such a root requires land very rich, deeply suitable manures.

and live on the sap. In time, a small sac or bulb appears, of a lemon shape, filled with eggs, and these bulbs are so numerous as to resemble a row of beads. The parasites have been found attached to the rootlets at the depth of 39 inches. When the crop is attacked the leaves of the beet fade, grow yellow, and seem come black and fall on the soil; this explains why in September the field displays bald patches, as if the wireworm had been at work. Changing the culture, allowing the field to lie in fallow, or dosing the soil with sulphuret of carbon. has been found officacious. The disease difficulty on wild mustard, cabbage, and

Crows dislike the smell of gunpowder they are a nuisance at seed time, and sired by Monmouth Eclipse, he by Old many means have seen adopted to get rid Eclipse. Among some of his get might of them. John Knox affirmed that the best way to get rid of rooks, was to destroy their nests-say in the month of May. A farmer at Brie has invented a mitraelleuse to frighten away crows from sown fields; it costs 100 fr., and is worked by a cistern of water and a watering cock, which on a see-saw principle, raises at know that oats are a nearer all-food than fixed intervals a hammer, which falls on an anvil, fed with detonating powder, and so produces a succession of explo-

sions.

purchaser experiences in buying eggs \$40 in losses difference in the income singly, or by the hundred. Thus: 60 from my small flock. The annoyance large, equal 78 mean size, and 98 small and ill feeling caused by losing the little ones; conclusion, sell and purchase all things is with me a great deal. It pains eggs by weight.

BREEDERS.

A Paper read by R. D. M. Edwards, of Napoleon Mich., at the annual meeting of the Michigan Merino Sheep Breeders' Association.]

Everything has two sides, however infinitesimally it may have been divided, both of which we may see by using proper means, if we do not look through the eyeglasses of selfishness.

Every affirmative has at least an implied negative; hence if I shall refer to the conditional strategies of the executation deposits of the second time of

associate, and in order that all so united may receive the benefits derived from the organization, first, the officers or managers must be efficient, prompt, accommodating, unselfish and impartial. There is no trouble in finding men for officers who are well enough qualified. If we all do as well as we know how, how much less of disappointment, fault finding, unsuccessful effort and ruin there would be in this world. How much greater the benefit of association to sheep breeders and especially sheep, which most people think do not need any shelter. A cheap, roomy building is all that is required, where they may be kept dry and away from the winds. Let me urge all unbelievers that such comforts are a necessity if there is to be any profit in the keeping of sheep.

Sheep get colds easily and do not get over them. A very little irregularity will throw them off their feed, and a little times, must be the watchword of our association to death, he won't appreciate it, it will do him no good. In time, on time, up to the times, must be the watchword of our association to see the profit of stock, especially sheep, which most people think do not need any shelter. A cheap, roomy building is all that is required, where they may be kept dry and away from the winds. Let me urge all unbelievers that such comforts are a necessity if there is to be any profit in the keeping of sheep.

Sheep et colds easily and do not get over them. A very little irregularity will throw them off their feed, and a little excess will cause stomach troubles. They

times, must be the watchword of our association if we expect as breeders to derive very
much benefit from it.

I think I have set forth by implication, at
least, that there are or may be benefits in
association, and I suppose it is expected that
I will point out some of them. The time
allotted me, or the capacity of my intellect
will not permit me to speak of all the benefits
or scarcely commence, let alone exhaust this will not permit me to speak of all the benefits or scarcely commence, let alone exhaust this subject. The benefits of association may be divided into three classes and their subdivisions, in accordance to circumstances, surroundings, and the number and nature of those to be benefited, namely, social, educational and

in the book of books it is said, "It is not good that man should be alone." "Forget not to assemble yourselves together often." "Let us consider one another to provoke unto love and good works, &c." Although the first was spoken more especially in reference to man's companion hip with the better sex, yet it is applicable to us as breeders. It was never designed by our Creator that we should shut ourselves up and stand aloof, either in thought or action, from those around us, especially those of our own craft and occupation, and he who lives only for self frustrates the plan of the Almighty and seals his future

pation, and he who lives only for self frustrates the plan of the Almighty and seals his future destiny where he will be obliged to associate with those of his own make up. In assembling in the meetings of an association we become acquainted, we speak of our plans, tell of our successes and failures, the result, how to reach the one, avoid the other; in fact we become educated in our business much sooner and at less cost than we could without these benefits. We are not too, to learn that which is of the We are apt too, to learn that which is of the we are apt too, to learn that which is of the most importance to us and which we hesitate to admit, that is, that we do not know every-thing, and that others may know something even about our pet business, sheep breeding. The one may impart the knowledge he has gained to the many.

about our pet business, sheep breeding. The one may impart the knowledge he has gained to the many.

There is scarcely a breeder or flock owner who has not learned by careful study, experiment, practice, or some chance result in his breeding, something relative to his flock that is peculiar to himself and unknown to others, yet of practical importance, which he may tell to the one hundred or more convened in meetings like this; which might have cost each of the one hundred, otherwise, many days or menths of study, repeated experiments, failures and "try again," at great loss of time and money. A word spoken will often arouse the drooping spirit awakening new faith, and encourage the feeble and less fortunate ones. Would that the word might be spoken just now in these depressing and depreciating time. The fairs are but the outgrowth of association and surely they are a benefit to the breader. There he has an opportunity of seeing his neighbors' stock and his own side by side where he may compare them and see the result of different breeding and the improvement that this or that line of breeding has made. By noticing the good and valuable points in one animal-we can the more readily see the p or ones in another, and often by these comparisons we see that our way of breeding or our selections are not the best, and are stimulated to improvement and all oreening or our selections are not the best, and are stimulated to improvement; and all improvement in any branch of business benefits all engaged therein more or less. Time was when all were trying to breed a Sweepstakes, Golden Fleece, Rip Van Winkle or Centennial. Golden Fleece, Rip Van Winkle or Centennial. Now we are all trying and mean to succeed in breeding a Bismark, Gen. Dick, Sheldon, Diamond, or some other better sheep. These patterns of breeding have mostly been brought before the public and into note through associations. Would the improvements in sheep we now see have been made had there been no associations? If all the above named sheep and their owners had remained at home, how many of us would known or cared for them? Would they have been incentives to better breeding, resulting in larger sheep, more wool thereon to the square inch, longer and stronger staple, better constitutions, all the qualities which have greatly enhanced the real value, (but not at present much their fetching value) but not at present much their fetching value ver those that were the origin in our fame

derinos or the sheep that were bred for man years?
The wool-growers' and sheep-breeders need and must have legislation. We must be heard in Congressional and Legislative halls. Can we, each and alone, have any power? Very little. We have got to appear before these august bodies unitedly, officially represented by the power of organization, if we would be heard and heeded. Combination fears combination and only combination. As long as there is discord and division in the camp they know that we dare not fight; but a perfect organization implies unity and oneness rfect organization implies unity and onenes

The yield of beet has this year suffered in France from the presence of namatodes, insects of an eel-like character, about the three-tenths of the thousandth part of an inch in size; they attack the rootlets, and having pierced the skin, fix their suckers and live on the sap. In time, a small are the ones to whom this subject should have been assigned, as they could have interested us long on the dollar part of this topic. I have sometimes thought that the few have made the money and the many have lost it, not from the results that should and might result from association but but this reception. ciation, but by their negatives.

Oats and Sheep.

I have made a decided improvement in the wintering of sheep, by feeding them oats instead of corn. So far, there has not been a single case of stretches (which is caused by indigestion and takes the form of constipation) or of diarrhæs, which is also the result of indigestion. The wool is more bright and glossy than when the sheep were fed corn. I am looking for more beneficial results from feeding oats when lambing time comes, as there will be less fever and inflamma tion of the udder. The more healthy condition of ewes will undoubtedly cause the lambs to be stronger and more active at birth. This confidence is increased by the fact that I recollect a number of years ago giving a flock of ewes which were being fattened two quarts of oats daily. Some of them proved to be with lamb and

These sheep did remarkably well, dropping their lambs in the winter. They had abundance of milk and the lambs were strong and healthy. It is well to corn, and if not quite so cheap they are so much healthier that it is unwise to feed

were not sold on this account.

me, aside from the waat of profit. My sheep this winter are a delight. I like to BENEFITS OF ASSOCIATION TO look at them. Their fleeces are all smooth, and the sheep are free from ticks, and seem so happy.

My sheep are allowed to follow their instincts in regard to exercise and out- per hen. door exposure in good weather. They are always shut in nights and stormy days. They have taught me that they are fond of outdoors only when the sun shines and there is no wind. They will negative; hence if I shall refer to the condi-tional evils of an association do not think that I have lost my text, or assumed liberties not warranted by the topic assigned me.

An association is the meeting or joining together of several individuals under officers

together of several individuals under officers

the wind blows in through the open door. together of several individuals under officers or directors, governed by laws, rules or regulations for some special purpose. Nearly all trades and businesses in these times are represented by organizations, to watch and guard their interests, to help to gain their purposes, either legitimately or by some other means. And he who undertakes alone to crowd through the mass of consolidation will be dwarfed or mutilated, or more probably smashed. Therefore we as breeders must associate, and in order that all so united may receive the benefits derived from the organization. the wind blows in through the open door.

are so constituted that they get feverish from simple causes, and it has a most damaging effect on them. Losing wool is caused by fever, and too much corn will make this condition. It is difficult to feed a flock of sheep just right, as they eat tegether, and very likely the ones with naturally weak stomachs will eat more than they ought to. A careful flockmaster must watch for evidences of indigestion and favor, and remove such indigestion and fever, and remove such ones from the rest, and feed them accordingly. There is more trouble with lambs the first winter than with older sheep. All of my breeding sheep and lambs were studiously kept out of the storms last autum; in fact, they have not been wet for more than three months; and as a result of this care not one of them has a cough, nor is there a single one which has been ailing in the least.—

F. D. Curtis in N. Y. Tribune.

Agricultural Items.

It is found by experiment that while the different forms of commercial potash increase the crop of potatoes they impair the quality, making the tubers watery and spongy.

THE American Cultivator says: "It is scarcely possibly for grain to stool much on very poor soil. We can get but few heads from a seed, and these need, therefore, to be sown more thickly to make a crop than on land where a large number of heads may be expected from a single plant."

me says sour land is not indicated by a growth of sorrel, but by coarse herbage, or unhealthy looking moss on the surface. Draining is the best cure for sour land, and when this is done. a dressing of lime will help to decompose th coarse vegetable matter and bring the soil to a

DR. VOELCKER found that the average weight of clover roots in an acre was about three tons, and that the furnished 100 pounds of available nitrogen, the most stimulating of all manures. This is one reason why a clover sod plowed under is such good preparation for a wheat crop. When a clover sod does not bring good wheat it is a sign that the soil lacks phosophates.

In new settlements the pioneers invariably It is less liable to malaria than the swamps though the worst fever and ague is generall found on sandy soil adjoining low wet lands After clearing and draining the black swamp soil is almost always found to be most valuable Its fertility endures the longest under cultiva-

A CORRESPONDENT of the Germanton Telegraph thinks farmers are somewhat in fault for the great number of tramps in the country He says the common practice of farmers giving nen no employment or home in winter doubt less results in adding a large number annually to this army of wanderers. The common practice of setting good and faithful men adrift at the close of the busy season, does seem more inhuman than we are to the horse which has served us until too old for further

MR. F. C. RECTOR, of Tecumseh, believes it would be to the advantage of farmers to soi instead of pasturing their whole farms, as most of them do in the fall of the year, and thereby damage their seeding to a great extent. He says that if farmers would cut and carry the feed to their stock, and confine them to a reasonable sized yard where they could get exer cise, and where they could be protected from the scorching rays of the sun, the stock could be kept on one-fifth the land now used, and they would do better; thus farmers could have the extra ground that is now used in pasture to cut hay or fodder, thus enabling them to keep nearly or quite double the stock they now do.

Che Poultry Pard.

GALVANIZED wire netting can now be obtained for one cent per square foot. and as it is more easily converted into fence than is lumber, and is at the same time more durable, more of it is being used this year for poultry yards than ever

ANYTHING that you would give chicks and young turkeys, answers equally well for ducklings. Give cooked food until old enough to allow unlimited range. Unless insects are plenty, feed a little cooked meat daily, until the ducklings are old enough to take to the pond Ducklings are great eaters, and never seem to know when they have eaten enough. Feed often for the first six weeks, never allowing them all they can possibly swallow. Ducklings have been killed by over-feeding.

A CORRESPONDENT of the Ohio Farmer claims that a cross of a Brown Leghorn cock on a Plymouth Rock hen gives a very fine bird with extra laying qualities corn with so little difference. If I had Any of the non-sitting breeds, as the Legfed oats last year instead of so much horns, Houdans or Hamburghs, cross A trader draws attention to the loss a corn, it would have made at least on the common fowl, are very beneficial when eggs are the main object. As it is a very difficult work to breed to standard qualifications, he says he would not advise farmers in general to breed fancy fowls: but would advise them to make a careful study of the laying qualities of the different strains and cross full blood males of the best laying strains every year on the common fowl, ever keeping in view the gain in the quantity of eggs

THE Poultry World: "We are often asked which breed of fowls is best for laying in winter. But it matters very little at this season of the year what breed of fowls you keep, whether they be Cochins or Brahmas, Leghorns or other kinds, f you do not find comfortable shelter for them during the present cold nights, and unless you look out that they have a place in which they may be protected in the inclement days we now meet with. they will not thrive, nor will the best of layers give you many eggs. The hens and pullets that lay well in winter time, so far as our experience informs us, are those that are hatched early in the year, and which are well housed, well fed, and properly tended at all times. But if we desire to have from any breed of hens a supply of eggs during winter months, they must be kept in good warm quarters, and well fed with nourishing, varied eggs-producing food.

HENRY STEWART says, in the N. Y. Times: The greatest mistake in feeding fowls is overfeeding. Hens are gorged with food which makes fat instead of providing those elements which go to make up the egg. Corn consists almost wholly of starch and oil, and while it is a good food for fattening fowls it is one of the worst of all foods for producing eyes. No one food contains all the needed elements, and a mixture of various kinds should be given. It is quite possible that the production of eggs may be largely increased by a truly scientific system of feeding, and the ordinary poultry keeper should make a study of such a system; not being alarmed at the scientific part of it, because science is nothing more than perfectly right and exact practice, and is nothing that any ordinary sensible person need be afraid of. The following foods contain all the elements that exist in eggs: oats, wheat, barley, corn, bran, linseed, hemp seed, rape seed, crushed fresh bones, mustard seed, green cabbage and clover, and a reasonable mixture of all these, varied more or less, with the aid of crushed limestone and gypsum, would afford every element called for to produce a constant yield of eggs. A large quantity of broken fresh bones is one of the most important aids, and with wheat, barley, broken linseed oil cake and mustard seed and plenty of green vegetables and water, will provide everything that is required, in the way of food.

THE removal of Prof. Sanborn, of N. H. after being pronounced incurable by a score of physicians, from Las Vegas, N. M, to his home was affected by administering Dr. Harter's Iron Tonic, which has restored him to his former good health.

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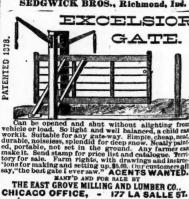
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Horticultural,

March 10.

[Delayed Letter.] HORTICULTURE AT THE

ORLEANS EXPOSITION The Florida Competitive Exhi

The premiums offered for citrus range from a gold medal and \$ best collection, down to single plates: and a full set of swee premiums, in six distinct classes, s to competition from the State of which has for the past week b gaged in placing its competitive upon the tables in Horticultural readiness for the examinations judges, to take place during the

There is, obviously, to be a str valry and probably very close of tion between Florida and Californ the award of this set of premiums though only the Florida exhibit i hand its great abundance, exten riety, and excellent general char significant of the fact that to exc latter will have no light task The work of awarding these pr

is likely to be rendered all the m ficult not only by the jealousy of t netitors but also by the probable stance that the Florida exhibit w long passed its prime before the a that from California; and the con necessity for the action of the ju on each separately; which will ne such action to be, in each case, resomething equivalent to a numer clusion; and a deduction of a fin from the comparison of these en This must necessarily require a devised system of arriving at an ing the proper value of each pa and the practical reduction of t to a series of numerical conclusi their subsequent expression in number; in other words the emp of a carefully devised and well 'scale of points." Such scale, as we understand, i

in use, among the growers of Fl making awards at their local exh but whether or not this will l adapted to the present case, broader competition, may doub quire careful consideration. In the duty of the judges must ne prove both laborious and onerou ing the need of sound judgme thorough comprehension of the volved; since an occasion of th ter has heretofore rarely if ev involving possible consequences tended and important a characte THE APPLE EXHIBITS

have now been nearly or q months upon the tables, and alt a few cases, fruits have been ward by the States to renew nearly every case, reliance was the promised "cold storage" he a supply already in hand, while frigeration came quite too late to surplus from almost total ruin. the fruits upon the tables have even less rapidly than those h serve. As a consequence, the exhibits have already lost much pristine brightness and, except al, must ere long be abandon longer creditable. In the case gan, however, the apples recei the extreme north, including t Oceana County and northward comparatively bright, and near contrasting, in this particular

vorably with those grown fart Had the collection of fruits State been commenced sufficie to secure a supply of our autur the State in all probability co have carried off the large sy premiums and thus taken its a lead as a fruit-growing State, time when the work of colle commenced it had already b possible to secure the necessar and even (since already sold if not most cases the grade of requisite for this purpose. T.

Description of the Florida Cita

During the last ten days of the growers of Florida placed tables of Horticultural Hall, p of the finest and most extensi of citrus fruits ever made on nent, if not in fact, in any oth The exhibit consists of co four or five individuals; the v ing about 500 feet in length

with rows across them, of ge or seven plates, holding fro twelve oranges, lemons or l although a few grape fruits, shaddocks, weighing from s pounds each, occupied but a each; and in the centre of tables, were constructed p oranges, four or five feet squ about the same height; whi were crowned with bananas ples. We may also complim hibitors on the fact that were in all cases, when co premiums, carefully labele this seemed to have been ren pensable by the fact that o very strong and spirited anticipated from the Califor yet to come; and that I present exhibitors themselve were obliged to exact a rigid with the rule, in this as w other particulars; while not this feeling there was ever courtesy between exhibitors as well as among the exhi

selves. For the information of familiar with these fruits, w

GRAPE FRUIT is a yellowish white fruit, family, very smooth, and in flattish orange, but with skin; while the divisions of also a good deal thicker; an of ripening is later than erange. The pulp is also in with an admixture of su very palatable, and is prize after the orange season is p

G WEST. INNING TWO THROUGH S DAILY FROM EORIA & ST. LOUIS. ert of the Continent by way

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MACHINERY BEST WORLD Horticultural,

[Delayed Letter.] HORTICULTURE AT THE NEW ORLEANS EXPOSITION.

The Florida Competitive Exhibit.

The premiums offered for citrus fruits range from a gold medal and \$100 for the best collection, down to \$5 for single plates: and a full set of sweepstakes memiums, in six distinct classes, are open to competition from the State of Florida. which has for the past week been engaged in placing its competitive exhibit pon the tables in Horticultural Hall in readiness for the examinations of the judges, to take place during the coming

There is, obviously, to be a strong rivalry and probably very close competition between Florida and California, for the award of this set of premiums, and al though only the Florida exhibit is yet at hand its great abundance, extensive variety, and excellent general character is significant of the fact that to excel it the latter will have no light task upon its The work of awarding these premiums

is likely to be rendered all the more difficult not only by the jealousy of the competitors but also by the probable circumstance that the Florida exhibit will have long passed its prime before the arrival of that from California; and the consequent necessity for the action of the judges upon each separately; which will necessitate such action to be, in each case, reduced to something equivalent to a numerical conclusion; and a deduction of a final award from the comparison of these estimates. This must necessarily require a carefully devised system of arriving at and recording the proper value of each particular, and the practical reduction of the whole to a series of numerical conclusions; and their subsequent expression in a single number; in other words the employment of a carefully devised and well balanced "scale of points."

Such scale, as we understand, is already in use, among the growers of Florida, in making awards at their local exhibitions; but whether or not this will be found adapted to the present case, with its broader competition, may doubtless require careful consideration. In any case, the duty of the judges must necessarily prove both laborious and onerous, involving the need of sound judgment and a thorough comprehension of the points involved; since an occasion of this character has heretofore rarely if ever arisen involving possible consequences of so extended and important a character. THE APPLE EXHIBITS

have now been nearly or quite two months upon the tables, and although, in a few cases, fruits have been sent forward by the States to renew these, in nearly every case, reliance was had upon the promised "cold storage" here to hold a supply already in hand, while the refrigeration came quite too late to save the surplus from almost total ruin. In fact, the fruits upon the tables have decayed even less rapidly than those held in reserve. As a consequence, the State fruit exhibits have already lost much of their pristine brightness and, except by renew al, must ere long be abandoned as no longer creditable. In the case of Michigan, however, the apples received from the extreme north, including those from Oceana County and northward, are yet comparatively bright, and nearly sound, contrasting, in this particular, very favorably with those grown farther south.

Had the collection of fruits from this State been commenced sufficiently early to secure a supply of our autumn fruits, the State in all probability could easily have carried off the large sweepstakes premiums and thus taken its accustomed lead as a fruit-growing State, but at the time when the work of collection was commenced it had already become im possible to secure the necessary varieties and even (since already sold) in many if not most cases the grade of specimens requisite for this purpose. T. T. Lyon.

Description of the Florida Citrus Exhibit.

During the last ten days of February, the growers of Florida placed upon the tables of Horticultural Hall, probably one of the finest and most extensive exhibits of citrus fruits ever made on this conti- It is common about New Orleans; but the The exhibit consists of collections by crop of fruit.

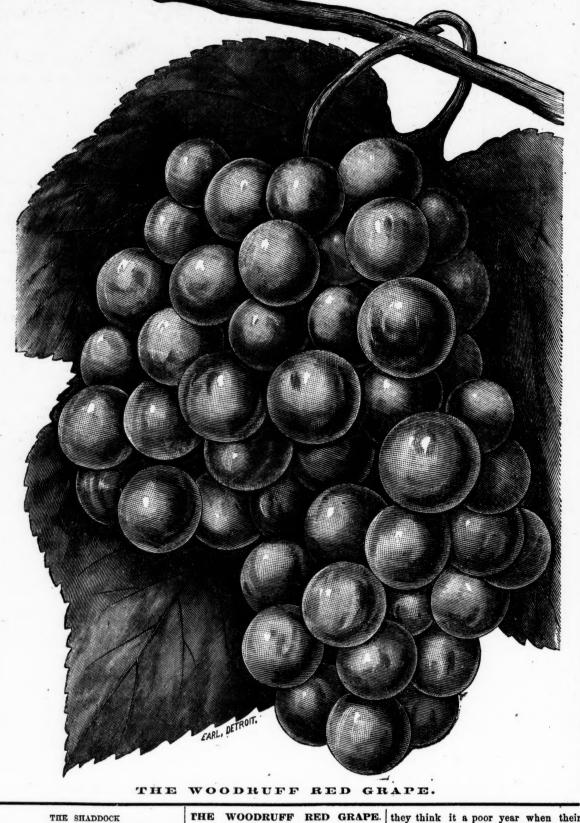
four or five individuals; the whole cover-

with rows across them, of generally six collection. These, though of exceedingly or seven plates, holding from five to luscious flavor, and hence much sought twelve oranges, lemons or limes each; after in the markets of northern cities, although a few grape fruits, citrons and are very perishable, and hence are mainly shaddocks, weighing from six to eight shipped in the form of jellies or other grower gets. pounds each, occupied but a single plate preserves. each; and in the centre of two of the tables, were constructed pyramids of are also shown in several varieties, comoranges, four or five feet square, and of ing, as we understand, from the southern about the same height; while the tops portion of the State. were crowned with bananas and pineapples. We may also compliment the exhibitors on the fact that their fruits were in all cases, when competing for premiums, carefully labeled. Indeed this seemed to have been rendered indispensable by the fact that owing to the very strong and spirited competition anticipated from the California exhibits yet to come; and that between the present exhibitors themselves, the judges were obliged to exact a rigid compliance with the rule, in this as well as in all courtesy between exhibitors and judges, and the probable influence commercially, as well as among the exhibitors them-

familiar with these fruits, we may state decisions be of the most careful and tons per acre, if no other manure is used.

GRAPE FRUIT

is a yellowish white fruit, of the citrus cerned. family, very smooth, and in form like a flattish orange, but with a very thick skin; while the divisions of the pulp are also a good deal thicker; and the season of ripening is later than that of the erange. The pulp is also more acid, but with an admixture of sugar becomes very palatable, and is prized as a dessert after the orange season is past.



is a much larger fruit-the largest one shown here weighing seven and one half pounds-rose colored in both skin and flesh when mature, but otherwise of the same general character as the grape fruit, and used for similar purposes.

THE CITRON,

well known in commerce in the form of a preserve, is in form much like a very large lemon, and has a very thick rough and firm skin, which is the portion used for preserving.

LEMONS

LIMES.

which may be described as merely lemons of smaller size, and generally of more shown in still smaller numbers.

KUMQUATS,

orange; although somewhat mild and both in its fresh state and for preserving. quite distinct in flavor, and highly prized for preserving. A few plates only appear in the collections.

LOQUATS, OR JAPAN PLUMS, are small yellowish amber fruits, of the the size of a rather large damson plum; but more elongated, with very large, roundsh oval seeds, ir closed in a hard but thin shell. The flavor is juicy, subacid, sprightly; and the fruit is produced in clusters of variable size, upon an evergreen tree or shrub, with large crimped deep green foliage. It has the peculiarity of blooming in autumn but maturing the fruit in late winter or early spring.

GUAVAS

ing about 500 feet in length of tables, in three varieties are shown in this

BANANAS. are also included in the exhibit, showing a capacity to produce them, at least in a portion of the State. We also observe in the exhibit a plate

CACTUS FRUIT,

of pleasing appearance, and of the size of a medium sized plum, of purplish red color, but of its quality we are not prepared to speak. THE ORANGE,

other particulars; while notwithstanding as might naturally be anticipated, is these cases, is so momentous as to render the respect and confidence of all con-

> This becomes the more necessary as Florida fruits must undergo examination nia competitors, which will not reach here till nearly or quite the middle of March—too late for a joint examination T. T. LYON.

offered for sale for the first time by Evart | nearly all the products are sold at whole-H. Scott, of Ann Arbor, Mich., originated sale to middlemen, in large quantities, with C. H. Woodruff in 1874 from Concord seed. The vine is a stronger grower than Concord and is thoroughly hardy. Its large leathery leaves show that it is a variety likely to succeed in almost every advantage in selling direct to the conlocality where grapes can be grown. The | sumer, and the small amount of land bunch and berry are both very large.

The accompanying cut is an exact cony of a bunch grown by Mr. Woodruff. Mr. Scott assures us that it is a good keeper, were shown only in moderate quantity; and that he had a line from Mr. Charles A. Green, editor of Green's Fruit Grower, saying that on February 20th he had eaten some of the fruit sent to him last fall by Mr. Scott, that it was a first-rate keep rounded form, with greenish flesh, are er. and had improved very much in qualier, and had improved very much in quality—the pulp dissolving very readily. In our opinion it will prove an exceedingly are very small fruits, of oblong oval desirable market variety. It is strongly form; and in color, pulp, seeds and recommended by people of Ann Arbor as general quality much like a minute the best grape for all purposes now grown,

> Market Gardening for Farmers. Peter Henderson, in a late paper before the N. Y. Farmers' Club on the above subject, said:

'It is not advised that any farmer embark largely in the beginning, in growing vegetables and fruits. Nearly all of the most successful are those who started with a small patch, increasing the area as means and the demand for the products justified. Those who can most advantageously use their farms for the culture of fruits or vegetables, are located near towns or hotels, or summer boarding houses, for the fruits and vegetables nent, if not in fact, in any other country. past severe winter here has ruined the usually furnished to such places, when furnished at all, are such as are shipped from the large cities after passing through the hands of commission men, who of course must make their profit, and are usually furnished in a stale and battered condition, costing three times more to the consumer than the original

"Whenever choice can be made, let the land for such purpose be as level as possible, and of the nature of what is known as sandy loam; that is, a dark of the party holding the original stock. colored, rather sandy soil, overlying subsoil of sand or gravel. All soils that have adhesive clay for th ir sub-soils are less suited for fruits or vegetables, besides requiring at least double the amount of labor for cultivation. Above all things necessary to success in growing either vegetables or fruits, is manure. It may be laid down as a settled fact that unless manure can be obtained in sufficient quantity, the work is not likely to be half as remunerative as where plenty of it can be had. The quantity of manure used per acre by market gardeners around our large cities is not less than 75 tons per this feeling there was ever the utmost queen of the exhibit, and its importance, acre annually. If barnyard manure is not accessible, concentrated manure. of the award of premiums to be made in such as bone dust or superphosphates should be harrowed in the land, after For the information of readers not it imperative that the examination and plowing, at the rate of not less than two critical character, such as shall command Such large quantities will no doubt be appalling to the average farmer, as it is no unusual thing for a farm of 50 acres to get no more than we market gardeners well as more difficult from the fact that put on a single acre, but every one having experience in growing vegetables or in the absence of their expected Califor- fruits knows that the only true way to make the business profitable is to use

> "The usual amount of ground cultivated by market-gardeners is ten acres, and rotation in fertilizers, especially in the garden,

manure to the extent here advised.

profits from that amount of land do not This new red grape, which is now being average \$3,000, and that too, when and which before reaching the consumer cost him at least double the original price paid. The farmer in most cases growing vegetables or fruits, has a great necessary for growing the crops will cost him comparatively little, so that with proper attention, I think there is every inducement for many farmers to add this profitable branch to their farm opera-

Profit in Fruit Raising.

With all the tons of grapes raised how If you don't know that grape juice boiled down to a clear syrup is the most relish ing thing in sickness or health, for consumptives and to keep people from getting consumptive, to be eaten as food or diluted for drink, that would banish wine sooner than the temperance societies, you have something to learn. This article once known would prevent all danger of an overcrop of grapes, for it would be made and kept by the barrel, and exported for use in warm climates. The new production of cider jelly, which is merely cider boiled down without any addition till it is a solid dark jelly, is a great gift to the housekeeper and will be the salva tion of the apple orchards. What if apples are fifty cents a barrel in October Set the cider mills going, and the huge enameled evaporating pans. Perhaps cider jelly at twelve cents a pound will pay you, as there is no sugar to be used.-Vick's Magazine.

Horticultural Notes.

A NEW YORK horticultural society recom mends putting a teaspoonful of sulphur about the roots of the cabbage plants when set, as remedy for club foot.

A CORRESPONDENT of the Germantow Telegraph says that when he desires to procure a fruit of any kind true to name, he purchase LIGHT, friable soil should be rolled before

putting in the seed and afterward. Nothing is better for the garden than well rotted stable manure. Hog manure proves detrimental to cabbage. WHEN an orchard ceases bearing while the

trees are still strong and healthy, it is quite certain that labor and manure applied in restoring it to productiveness will pay better than anywhere else on the farm. A young orchard may be manured too highly. It is estimated that fully fifteen million gallons of amber cane syrup were made in 1884

Of this a very small proportion went on the market. Probably three-fourths was made for farmers who grew small patches of cane and had it manufactured into syrup for themselves and neighbors. THE American Cultivator says that in plant ing apple seeds it is important to get a vigorous growth the first year, as on that the num ber of roots to be grafted depends. The seeds should be planted early on well-manured

ground and as free from weeds as possible.

The young plants require nearly as close care

JOSIAH HOOPES says in the New York Tribun that a slight attack of soil dyspepsia would benefit some New York orchards. He thinks

and hand-weeding as onions.

is as necessary as rotation in crops. Farmer will not buy potash for their orchards, but they might use barnyard manure if they would Starvation, however, is the rule, and excessive eeding is the rare exception.

THE New York State Experimental Station has tested Paris green as a preventive of the borer which destroys squash vines. The vine for a distance from the root was wet with water in which Paris green had been stirred. No borers attacked the portion of the vines so treated, though beyond where the poison was applied some were found. No possible damage an come from this use of Paris green, as none of the poison reaches anything that is eaten.

MRS. DELIA CROOP, of Fowlerville, received from Prof. Kedzie, of the Agricultural College. a package of amber cane seed, which was sown, and the cane fed to three swine as soon as it was three feet high. The feed was continued for six weeks, and the swine gained in flesh and grew almost as rapidly as they would on corn, and would have fattened on it, with the addition of some corn, had the supply held out. The chickens, Mrs. Croop says, are very fond of the seed.

THE Gardeners' Monthly mentions a plan of supporting Lima bean vines which seems ad aptable. Posts were put up at each side of the garden plot and wire stretched along the top from each, and another near the ground, while up and down were strings. The beans on such a trellis were planted only about 18 inches apart, and gave a fine crop. Of course this is for garden work. Where horse culture to keep down weeds and to start the soil is essential the cultivator must work both ways, and then we do not see how there can be any substitute for poles.

THE Rural New Yorker warns us against investing in the "Niagara plum," at present boomed" by one O. K. Gerrish, who claims to have control of the entire stock of "this new and beautiful fruit, the very best plum introduced." The Rural says the "Niagara plum" did not originate in Niagara County, N. Y., as claimed, but is a Canadian fruit which has long being known as the Mooney plum, and is not nearly as large as represented The variety, both in fruit and tree, is so nearly like the Bradshaw that the most careful observer can distinguish no difference. As the Rural has the two growing side by side it is entitled to speak "as one having authority."

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mave ever analyzed. I must therefore unqualitiedly recommend it to the medical profession."

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JAMES J. O'DEA, M. B., of Staten Island, the author of several works on insenity, writes: "When at large and also sa a tonic in feeble digestion and convalence on the present of the present day.

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Che Michigan Jarmer

State Journal of Agriculture.

DETROIT, TUESDAY, MARCH 10, 1885.

The receipts of wheat in this market the past week amounted to 137,035 bu., against 65,328 bu. the previous week and 305,285 bu. for corresponding week in 1884. Shipments for the week were 43,583 bu. The stocks of wheat now held in this city amount to 1.094.172 bu., against 1,020,959 last week and 696,447 bu. at the corresponding date in 1884. The visible supply of this grain on February 28 was 43,435,883 bu. against 43,056,392 the previous week, and 31,073,960 bu. at corresponding date in 1884. This shows an increase over the amount in sight the previous week of 330,491 bu. The export clearances for Europe for the week ending February 28 were 817,150 bu., against 439,186 the previous week, and for the last eight weeks they were 7,407,268 bu. against 4,-607,884 for the corresponding eight weeks

The past week has been quite an exciting one in the wheat market. Cable reexisting relations between Russia and Great Britain respecting the boundaries of Afghanistan, and the erratic utterances of Bismarck in regard to the situation in the Soudan, put every one in a ferment. The wheat market was the first to feel the effects of these reports, and an advance of about 32 per bu, took place on Thursday in consequence. Values ruleo steady the next day, but on Friday a decline set in which carried prices down again, finally closing steady on Saturday at 11@3c higher than at the close of the previous week. Yesterday this market was less active, and spot closed lower than on Saturday. Futures, however, were more active, and advanced from Saturday's prices. Chicago was active but unsettled, declining and then recovering, finally closing steady with futures ic higher than on Saturday. No. 2 red sold there at 78c, and No. 3 do at 71c. Toledo was quiet and weak, with No. 2 red at 77c and No. 2 soft at 854c. Liverpool was dull with light demand.

The following table exhibits the daily closing prices of wheat from Feb. 20 No. 1 No. 2 No. 2 No. 3

	white.	white,	red.	red.
Feb.20	875%		8614	77
** 21	875/2		8616	
4 29				
24	87		8516	7716
" 25	861/2	****	85	
" 26	85%		8416	
" 27	84%		82%	
" 28	8514		8414	75
Mar. 2	85		84	75
" 3	851/2		85	
4 4	8914		88	76
5	891/4		871/2	76
0.,	89		80%	76
	8716		86	76
" 9	8738	****	861/4	****
The following	state	ement	gives	the
-11 C	BT.	- mbite	anah	A

closing figures on No. 1 white each day of the past week for the various deals:

			MERICH	April	may
Tuesday			85%	8614	8814
Wednesday			87		891
Thursday				8974	893
Friday			89		92
Saturday			8714	89	90%
Monday				891/2	901/
For No. 2 r	ed th	e cle	osing p	rices or	the
ione doole	door	don	of the	noot .	monk

were as follows:	March	April	May.
Tuesday	85		87
Wednesday	85%		881/4
Thursday			911/2
Friday			91
Saturday			89%
Monday			8914

Since the scare of Thursday the market has ruled quieter, with prices work ing downwards. Advices favor a peaceable solution of the trouble over the Afganistan frontier, but nearly every one believes Europe is liable to be the scene of a conflict at almost any moment. If Great Britain and Russia do not become involved in a quarrel over the eastern question, it will be by the exercise of great forbearance on the part of Great Britain, as Russia certainly seems willing to bring on hostilities at any favorable moment, when the war in the Soudan is giving the British plenty of employment The Gladstone government appears, by its indecision, to have lost the prestige enjoyed by the British while Disraeli was directing its foreign policy. On the settlement of these difficulties depends to great extent the future of the grain trade, and it is a very wise man indeed who can foretell with any certainty the course of the markets for a single week.

Another matter that will have consider able effect upon the question of the future of wheat is the condition of the growing crop, and as most of the winter wheat States are still covered with a heavy blanket of snow, that will not be determined for some weeks yet.

The foreign markets show no improve ment, and the activity noted in our home markets did not extend to those of Great Britain, which are quoted dull and unchanged. It is reported that French dealers are laying in large stocks of wheat before the new duties go into effect, but if so their purchases had little effect upon the markets.

The following table shows the prices ruling at Liverpool on Monday last, as compared with those of one week previ-

18:	March 2.				March 9.		
lour, extra State	P3F				Dir c		
heat No. 1 white	78.	0	d.		78.		
do Spring No 2 new	6e.	8	d.	-	60.	11	1

CORN AND OATS.

The receipts of corn in this market the past week were 124,555 bu., against 83,155 bu. the previous week, and 100,557 bu. for corresponding week in 1884. Shipments were 77,318 bu The visible supply in the country on Feb. 28 amounted to 6,506, 458 bu. against 5,486,411 bu. the previous week, and 13,645,641 bu at the same date last year. The visible supply shows an increase during the week of 1,020,047 bu. The exports for Europe the past week were 1,661,304 bu., against 1,552,869 bu: the previous week, and for the past eight weeks 13,471,156 bu., against 4, 607,884 bu. for the corresponding period in 1884. The stocks now held in this city amount to 36,027 bu., against 73,462 bu. last week and 139,550 bu. at the corresponding date in 1884. Corn has ruled unsettled all the week, values fluctuating, but within parrow limits. At the close of the week prices were about 1c per bu. higher on both spot and futures in the leading markets. With the small stocks "in sight" and the activity of the export trade, it is a wonder values are not at 57s. per cwt., a decline of 1s. from the stronger. They are undoubtedly held in check by the low prices of wheat. No. 2 corn is quoted here at 44c, new mixed at 431c, and high mixed at 431c. Street prices range from 40 to 42c per bu. The

generally tended toward higher prices. Quotations in that market were 381@40c per bu. for No. 2 spot, 381c for March delivery, 38\$@381c for April, and 417c for May, closing steady. The Toledo market | week last year were 1,561,559 lbs. is dull at 43c per bu. for No. 2 spot, 421c for March and 43@431c for May. The Liverpool market yesterday was quoted firm at 4s. 6d. per cental for new mixed, and 4s. 81d. for old do., a decline of &d. on new, and no change on old mixed from the prices reported a week ago. The receipts of oats in this market the

ast week were 23,902 bu. against 10,240 pu. the previous week, and 17,375 bu. for the corresponding week in 1884. The shipments were 8, 116 bu. The visible supply of this grain on February 28 was 2,806,887 bu., against 5,487,393 bu. at the corresponding date in 1884. Stocks in this city on Monports of the unsatisfactory state of day amounted to 32,925 bu., against 27,-274 bu: the previous week, and 44,416 bu. at the corresponding date in 1884. The exports for Europe the past week were 193,131 bu., and for the last eight weeks were 468,047 bu., against 1,496 bu. for ruled quiet but very steady all week, but igan X. The market closed steady. prices are slightly higher than at date of than a week ago. Spot No. 2 mixed are selling at 27%c, April delivery at 27%c, and the decided weakness in fine choice wools May at 311,0311c. The Toledo market is such as XX and above Ohio and fine de reported dull and neglected, and no sales reported upon which to quote prices. The sell XX and above Ohio, and as a result and the sell XX and above ohio, and as a result and a sell XX and above ohio, and a s New York market has advanced during the week, and after reacting from the state of the week, and after reacting from the state of X Ohio have been made best points reached, finally closed slightly higher than a week ago. Quotations there held at that. So, also, with XX and higher than a week ago. Quotations there are as follows: No. 3 mixed, 37½c; No. 2 chido., 38½@38½c; No. 1 do., 38½c; No. 2 Chicago mixed, 40c; No. 3 white, 37½c; No. 2 chidologo mixed, 40c; No. 3 white, 40½c; Western

DAIRY PRODUCTS.

port they can hardly get enough stock of easy, except such as run to staple. Calieven fair quality to supply their trade, although they are loaded up with stock. For the best of the receipts 16c is paid. while second quality is selling at 124@14c per lb., according to its degree of badness. Some low grade stock is selling at 6c. Creamery is seldom offered in the market, and is quoted at 28@30c. Butter substitutes are selling at 14c in a small way, but there is little business doing. The low price of genuine butter is driving manufacturers out of the market. At Chicago a slight improvement is noted in the outlook but dealers fear it is only temporary. Prices are unchanged. Quotations there are as follows: Fancy creamery, 32@33c; fair to choice do, 25@30c; choice dairy, 23@ 26c; fair to good do, 17@20c; common grades, 13@15c; packing stock, 8@9c. The New York market seems to be very un. settled, with values tending downward. The outlook does not appear promising for holders of medium or low grade stock, which is offered in large quantities and on better terms than those quoted. Exporters are doing little, claiming there is no margin upon which to operate. Local dealers are taking a fair amount of the better grades of stock, but even these

show signs of weakness. Quotatio	ns (
State stock are as follows:	
Creamery, fancy, palls, etc	@3
Creamery, choice	@3
Creamery, prime	@30
Creamery, fair to good	000
Creamery, ordinary 24	02
State half firkin tubs and pails, fancy 29	@3
State half-firkin tubs and pails, choice, 27	@2
State half-firkin tubs, etc fair to good 25	@2
State, half-firkin tubs, etc., ordinary 23	@2
State, Welsh, choice	@2
State, Welsh, good to prime 26	@2
State, Welsh, ordinary 24	@2

Western stock is weak except for very choicest grades of Elgin creamery,

Mulcu is in demand to meet loca	I re	yu
ments:		
Western imitation creamery, choice	84	0
Western do, good to prime	21	Ø
Western do, ordinary to fair	18	a
Western dairy, fine	17	ã
Western dairy, good	15	0
Western dairy, ordinary	11	60
Western factory, choice	20	0
Western factory, fair to good		0
Western factory, ordinary	10	0
Rolls, fine	14	0
Rolls, fair to good	10	a
The exports of butter from	Ame	eri

ports for the week ending Feb. 28 were 135,874 lbs., against 279,401 lbs. the previous week, and 167,512 hs. two weeks previous. The exports for the correspon ing week in 1884 were 419,150 lbs.

Cheese is weakening in the eastern man kets, is steady but quiet here, and firm in the west, notably at Chicago. There is no change in figures here, but there is more full cream stock that brings only 111-@12c per lb. than formerly, while some brands are yet quoted at 13@14c. Very little cheese is moving here. At Chicago cs. 9 d. there is a fair demand at the quotations in the shape of heavy receipts, and prices | The three calves are doing well.

are as follows: Full cream cheddar, 11@ Young America, full cream, 12@121c; good, 2@4c; damaged, 1@1c. The New with American cheese. Quotations in the market for the present. New York market yesterday were as fol-

Skims, Pennsylvania, prime..... 2160 3 The Liverpool market is quoted dull

figures reported a week ago. The receipts of cheese in the New York

market the past week were 14,996 boxes against 13,420 boxes the previous week and 10,924 boxes the corresponding week Chicago market has been unsettled, but in 1884. The exports from all American ports for the week ending Feb. 28 foot up 1,468,453 lbs., against 1,113,189 lbs. the previous week, and 1,129,184 lbs. two weeks ago. The exports for the corresponding

WOOL.

As the season approaches when sheepwool markets are becoming of greater inprevailing at all points.

At New York the business of the past week was only moderate in character. but as Wednesday was inauguration day, when many business men were giving a good deal of attention to public affairs. was hardly to be expected that the movement of stock would be up to the average of other weeks. What sales were made showed a steady range of Here is a pointer for any of our readers values, and holders did not exhibit any desire to get rid of stocks by making concessions. Fine fleeces and pulled wools were most inquired for. Sales in the corresponding weeks in 1884. The New York were at 37@371c for fine devisible supply shows an increase of 488, laine, 37c for XXX Ohio, 344c for XX Michigan exhibitor. He was on hand at 852 bu. during the week. This market has Ohio, 321c for X Ohio, and 30c for Mich-

At Boston sales for the week comprise last report. No. 2 white are quoted at 2,438,000 lbs. of domestic and 340,700 lbs. 344c, No. 2 mixed at 334c, and light mixed of foreign, making a fair average move at 324c per bu. The Chicago market is ment of stock. Of the general feature quoted quiet, steady, and slightly higher of that market the Daily Advertiser says: "The most important feature has been

white, 39@42c; State white, 39@41\frac{1}{2}c; State wool has, we are sure, been sold at 29c this week, and is included in "unclassified," but transactions have also been made at 30c. Buyers at this price demand that the delaine shall be left in. The supply of Texas and territory has There have been free receipts of butter been much reduced by the large sales at the close of last year and beginning of the past week, but generally of second or this. Prices are generally steady for third rate quality. Commission men rethere. Pulled wools are cheap, quiet and fornia wools have been less active. Eastern Oregon is held in some instances above 20c, but considerable is still obtain able at that price, which is by some con-

sidered too high Messrs. Coates Bros., commission merchants of Philadelphia, say in their last

circular: "All clothing fleece wools are quiet ex cepting the low grades, some of which are being used for combing purposes, and are in demand when they can be so adapted. Choice high grade fine delaine brings full quotations, but only a small proportion can be gotten into this high grade, and the ordinary grades of fine delaine meet with slower sale. Medium combing and delaine wools are quiet. Coarse combing is more active. Fine unwashed and fine territory wools are in demand, while other rades are slow and in large supply."

The London spring sales open on the 7th inst. It is expected that the poorer lots of Australian wool will be lower than at the last series, but that there is very little choice wool suitable for our markets to be offered. The stocks of Australian in this country are practically exhausted: a sale in Boston of a small lot the pas week is reported at 42c per lb. The marspring clip if goods were only a little nore active. We hope to see an improve ment in this particular before the wools of this and adjoining States come upon the market.

THE potato market has been quite ac tive the past week, and large quantities have been shipped to the Cincinnati and St. Louis markets to meet the demands of the Southern trade. Car load lots have brought 37c and even 40c per bu. in some nstances. On the street, farmers realize from 38@42c per lb. for small lots. The New York market appears to be over-New York market appears to be over-stocked, and it is quoted dull and weak at \$1 62@1 75 per bbl. of 180 lbs. for prime L. H. Payne, Garretsville, O. \$1 62@1 75 per bbl. of 180 lbs. for prime western New York. At Chicago, owing to increased receipts, prices have declined somewhat, although a fair demand was met. Burbanks sold at 43@48c per bu., Early Rose and Beauty of Hebron at 42@ @46c, and Peerless at 41@44c. Comment ing on the market the Chicago Tribune

savs: Growers in the surrounding country are often surprised on bringing their stocks to market that they cannot get the outside prices quoted, and they are slow to believe that their produce is not worth by at least 8c the stock grown in the north—in Michigan for instance. The difference is that the latter are brighter and firm, and consequently demand

The onion market, which has ruled ac-

of a week ago, and holders showing con- went "off" about as fast as the snow did siderable firmness. Full cream and fine under the bright sun of Tuesday and skims are most active. Quotations there Wednesday. Red dropped to \$1 per bu., and yellow to \$1 00@1 10, with only a 12c; full cream flats, two in a box, 11@12c; limited demand. The Chicago market also declined 25c per bbl., but closed firm. choice skimmed, 5@6c; skimmed, poor to quotations being \$3 25@3 50 per bbl. At New York the market has declined heavidemand is fair, but it is largely confined of foreign are reported, and these, with to particular grades. The foreign markets the large shipments drawn out by high are dull, and Liverpool is over-stocked prices, appear to have demoralized the

> Hops not only do not improve but appear weaker now than two weeks ago In New York City choice hops are quoted at 16@17c, and good to prime at 14@15c per lb. A fancy parcel now and then brings 18c, but they are very scarce. Dealers declare that the market is "emphatically " dull, and it certainly looks that way.

> > LAST Saturday one of the drovers

prought in a Holstein bull to the Central

Yards which made everyone keep at a respectful distance. He was finally got out of the cars and given a yard to himself. He had the appearance of being in good flesh, but none of the buyers had any curiosity to satisfy themselves by handling him; a look from the top of the fence was very satisfying. He was finally disposed of to a shipper for \$52, considerably less than he had cost in the country. Everybody was curious to see how the buyer was going to get him out of the in a Shorthorn bull and turned him loose with the representative from Holstein. shearings are the order of the day, the Both came up smiling for the first round, and when time was called neither could terest to our flock-owners. They are be said to have the best of the fight. As devoid of any features of interest at they squared for round two, betting was on the lake shore there is only half a crop present, however, a very quiet feeling even on the result, but in a very short time the Shorthorn began to get in his work, and the Holstein was tossed all over the vard. He stood the goring for a few minutes and then wanted to climb the fence. The party who bought him

> FRANK WILLSON, of Jackson, this State, certainly deserves the name of the great the principal fairs in the State, at the Fat Stock Show at Chicago, and now turns up at the New Orleans Exposition. He always manages to get a fair share of the awards. At New Orleans he has been quite successful, as we note by a recent issue of the Times-Democrat of that city. In Cotswold sheep, in class of rams two years and over he was first with Gladstone: in class one year and under two he was first with Cleveland Boy: in lambs be was first with Monarch; under two years he got second on ram, and first on ram lambs; on ewes he got second on twoyear-olds, and first on one year old; in sweepstakes for best ram of any age, he got first, and was also first in sweepstakes for best ewe of any age. The whole amount reported by the paper as received by him was \$430.

who have a bad bull.

PRIVATE cablegrams from China received in Boston by leading tea importers. report that the Chinese government has increased the internal taxes upon teas so that they will cost three cents per pound more than before. The English markets have advanced 10 per cent. over the price of a fortnight ago. The market here has a hardening tendency, and Japans have advanced one cent per pound. The news from China is of a very warlike character, a severe battle having occurred the past week, resulting in favor of the French. The French fleet have been searching American, British and German trading vessels, and trouble is apprehended if this practice should be followed up.

A DISPATCH from Baltimore says that full reports from all sections of Maryland show the condition of the growing wheat. The roots of the grain are everywhere injured by the severe weather. It does not appear possible that the crop will reach 50 per cent of an average. It is probable that in such States as Maryland, Virginia, Kentucky and Southern Missouri, wheat has suffered more than in the more Northern States. where it has been protected by an unprecedented depth of snow during the severest weather.

AT the recent meeting of the Dutchkets will be in good shape to receive the Friesian Association in this city, in giving the names of the officers elected a mistake was made in the Board of Directors and Inspectors. We now give the list of officers elected in full:

President.—F. W. Pattersos, Lochearn, Md. Vice-Presidents.—Hon. Wayne McVeagh, of Philadelphia, Pa.; Dr. G. M. Emerick, Chicago, Ill.; Geo. F. Jackson, Mineapolis, Minn.; Hon. H. H. Hatch, Bay City, Mich., Col. W. L. Hemmingway, Jackson, Miss.; Edwin J. Durnall, Goshenville, Pa.

Treasurer.—J. D. Tuckerman, Catskill, N. Y.

Secretary.—S. Hoxie, Whitestown, N. Y. Inspectors.—J. N. Muncie, Jessup, Ia.; I. H. Butterfield, Port Huron, Midh.; F. W. Patterson, Lochearn, Md.; F. Uberhurst, Norway Lake, Minn.

REPORTS from Mississippi and Arkansas regarding the strawberry crop are to the effect that owing to wet cold weather it will be backward, but stands are well preserved and the outlook good for an average crop. The prospects for peaches in Arkansas, Texas and Mississippi are good, but the crop will be late. Some damage has been done to the tender varieties, es-

promises well.

Есно, the famous Holstein cow which gave birth to triplets on the 4th inst., at her owner's farm near Attica, N. Y., died Saturday. She had the largest milk record in the world, and \$5,000 was offered for tive and firm at advancing values for her calf if a male. F. C. Stevens, her some weeks, struck a snag this past week owner, recently refused \$25,000 for her.

The British Grain Trade. The Mark Lane Express, in its review

week savs: material progress in spring sowings. Native wheats are 6d@1s dearer. Dry samples are very scarce. Sales of Eng good, 2@4c; damaged, 1@1c. The New York the market has declined heaviYork market is in a condition of chronic ly, yellow selling there at \$3 00@3 50 per weakness, the result of heavy stocks and a light movement of stock. The home demand is fair, but it is largely confined of foreign are reported, and these, with lers are making somewhat firmer ground owing to war rumors. Foreign flour is irregular and cheaper. Little doing in cargoes off the coast. Four cargoes have arrived; four cargoes have been sold, one withdrawn and one remained. Forward trade is at a tandstill both buyers and trade is at a standstill, both buyers and sellers waiting to see whether there is to be peace or war. If war be declared prices will probably rise by leaps and bounds. To day, despite warlike rumors the wheat trade has disappointed sellers. Foreign wheats more firmly held. Flour is steadier. Maize is quiet. Barley is very dull. Outs are 3d deares.

Peach Prospects.

dull. Oats are 3d dearer.

Mr. J. C. McClatchie, Ludington, Mich., under date of March 7th, sends the follow

"I find, after careful examination o least three-fourths are uninjured. The Wager, Alexander, &c., are almost entirely uninjured, while the Crawfords are half killed or more. I have been away from home, hence the delay in answer

MR. JAMES SATTERLEE, late Professor of Horticulture at the Agricultural College, sends us the following from Lanyard. Here is where he showed his "great sing, which reached us too late to be inhead." From another yard he brought cluded in the general report of last week: "I have examined the peach buds here the trees themselves have every appearance of being badly injured. The blossom ouds of pears and cherries are also some what injured. I hear that in many places of peaches expected.

THE fine herd of Jersey cattle belonging o the State Lunatic Asylum at Fulton Wis., is suffering from pleuro-pneumonia contracted from a bull purchased in July last from S. S. Tripp, of Peoria, Itl. Eight then went in, hooked a staff to the ring in cows have died and others are sick, and his nose, led him to the car and tied him Dr. Trumbower, of the Agricultural Deup, the most subdued looking bull we partment, Washington, advises that the have seen in the vards for a long time. remainder of the herd be killed to prevent spread of the disease.

MICHIGAN MERINO SHEEP-BREEDERS' ASSOCIATION.

Official List of Transfers.

J. M. Kress-Two ewes to H. D. Collins ellman, Ind. S. C. Lombard—One ram S. C. Lombard 104 P. W. Lewis, Medina; one ram S. C. Lomd 109, to John Wright, Medina; one ram S Lombard 113, to John Upwood, Hudson

Mich.

A. W. Maring—One ram A. W. Maring 414, to H. A. Tallman, Alamo; one ram A. W. Maring 114, to D. Millard, Leonidas, Mich.; one ram A. W. Maring 421, to C. G. Voorhels, Mendon, Mich. Maring 13. W. Maring 421, to c.

Mendon, Mich.
M. C. Moon—One ram D. Howser 2, to E.
Stowell, Drayton Plains, Mich.; one ram M. C.
Moon 1, to G. W. Selden, Oak Hill, Mich.; one
ram J. H. Thompson 108, to J. S. Bamber,

Highland, Mich.
Palmer & Rhead—One ram S. B. P. & G. P.
R. 148, to William C. Smith, Carson City, J. F. Payne—One ram J. F. Payne, to W. E. Kennedy, Somerset, Mich. Isaac N. Pillbeam—One ram 113 to A. Macham, Holloway, Mich.

Sheep and Wool Notes

GET your sheep ready for the spring shearings; they will be of more general interest than ever before.

PHILADELPHIA'S wool sales for last year amounted to 60,000,000 pounds, Chicago's to pounds, and St. Louis' to 12,500,000 pounds.

APRIL 29, 1879, says the N. Y. Economic XX Ohio wool sold at 33%c per lb. Before Ma of the same year it brought 38@40c per pound The Economist does not say that this will be repeated in 1885, but it evidently thinks it wise to put manufacturers in mind of it.

MR. G. C. TOWNSEND, Secretary of the Sheep-Breeders' and Wool-Growers' Associa-tion of Saline, Washtenaw County, announces that the Association will hold its annual publi shearing the Wednesday following the State shearing at Jackson. A general invitation is extended to all interested to be present.

THE Chicago Tribune notes the receipt in that market of some scalawag Nebraska sheep (81 head averaging 79 pounds) sold at \$2 per 100 pounds. Not only were they very poor in flesh but they were partially dewooled. They ar. rived Wednesday, and the best bid then obtained was 50c per head. They will be served up to local consumers, and must give them a high idea of the value of the American Mering for mutton. Any one who keeps sheep in such condition should get out of the business, and not disgrace it any longer.

Wz hear of many compliments to choice spring Texas. That State, it is said, now produces a fair quantity of delaine wool, as well as a wool working very much like Australian. We hope Texas may yet prove our Australia, and by choice breeding and the growth of better domestic breeds that its wool will become less and less wild.—U. S. Economist.

Just so. Texan wool-growers were rapidl increasing their flocks, and by the use of choice rams were bringing up their shearing abilities as well as the quality of the fleeces. The re vision of the tariff put a stop to the business t a very large degree, and it will take some years to regain lost ground, even if the free-traders do not give it another black eye.

Stock Notes.

MR. GEORGE W. JUDSON, of Schoolcraft Kalamazoo County, has sold to Justice Clark of same place, the young Shorthorn bull Air

MR. WM. BALL, of Hamburg, has sold to E Helber, of Saline, Mich., the Young Mary heifer Flora May of Rescue 46971, out of Flora by Jason 35830, tracing to imp. Young Mary, by Jupiter (2170). Also Empress of Ann Arbor, by Lord Barrington 2d 30115, out of Empecially Crawfords, but the general yield press 7th, by 15th Duke of Hillsdale 16829, tracing to imp. Young Mary by Jupiter (2170)

> MESSRS. WM. & ALEX. MCPHERSON, of Howell, Livingston County, report the sale to J. S. Crosby, of Greenville, Mich., of the bull Duke of Waterloo 2d, (Vol. 26 A. H. B.) 55835, by Waterloo Duke 34072, dam Waterloo 39th. Also to Thomas Ross, of Marion, Livingston County, the bull Mazurka Lad 3d, by Waterloo Duke 34072, out of Mazurka Lass (Vol. 18, A. H. B.).

cently sold from his herd of imported Holste of the British grain trade for the past To W. A. Rowe, Mason, Vanreen, helfer coming two years old; Content, helfer coming one year old; Ankje, helfer coming three years

one year old; Ankje, helfer coming three years old.

To Rowe & Sweet, Mason, Bonaparte, bull coming one year old.

To R. F. Griffin, Alexander 4th, bull coming two years old, and Libbie L., helfer coming two years old.

To E. Sweet, Mason, Elsprite, helfer coming two years old.

For the week ending February 28th, Mr. Levi Arnold, of the Riverside Stock Farm, Plainwell, Mich., sold and shipped \$1,525 worth of Poland-Chinas from his own herd. Of these ten head went to J. W. Coffman & Brother, of Danvers. Ill., and as the sale is an unprecedented one among the breeders of these hogs, we publish an itemized list of the animals and the price paid for each:

Rattler 5929 Sow pig out of Biack Viola 2nd 7684, by Darkness 3597

During the same week he made the following additional sales:

To Geo. W. Humbeck, South So'on, Obio, grand yearling sow, Choice of the Herd, No. 11872.
S. E. Gillett, Ravenna, O., Black Donald, Alex. John, Rexford, Iowa, boar... O. A. Pierson, Pierson, Mich., boar pig.

Do, sow in piz..... E. Smith, Chicago, Ill , trio of pigs...

..\$525 00 Michigan breeders seem to be "getting there " in good shape.

NEWS SUMMARY. Michigan.

Mink skins are worth but forty cents a

burned on the 4th. Loss, \$7,000, and no insurance. Pettingell & Son's flouring mill at Wayne

as a daily paper. Here's wishing the venture A fatal disease is doing much damage among the sheep in the vicinity of Marshall. It attack the liver.

A large willow tree at Clinton has been split by the frost for a distance of 20 feet from the ground.

The test salt well at Bay City is down 2,685 feet, and work has been stopped for want of funds to continue. Tom Navin, Adrian's absconding ex-mayor was arrested at New Orleans last week, and

was arrested at New will taste Michigan justice. Howell girls are abandoning roller skating since an eminent physician has asserted that amusement deforms and enlarges the feet. Mrs. Anna Parks, of Kalamazoo, died last week. She was 100 years old, many who knew her well claiming she was at least 110 years of

A creamery company has been organized in Chelsea, with \$5,000 capital. A new building is to be erected, and the machinery will be after

The Brookfield correspondent of the Eaton Rapids Journal says several apple trees in John Henry's orchard have burst their whole length by the action of the frost. If sound argument will start a creamer Charlotte will have an enterprise of that kind in running order soon. The Republican is talking up the subject with a will.

. Irving Carrier has resumed the editorial chair in the office of the Ovid Register, enlarg cd his paper, and proposes to Acop his sub-scribers well posted on news matters. W. J. G. DEAN, Secretary. Louis J. Haight, of Pavilion township. Kalamazoo, who died last week, left a \$300,000 estate. His home farm contained 1.000 acres, upon which he had built a Methodist church.

A Lansing couple who celebrated the 25th anniversary of their wedding day recently were presented with a silver plate piled up with silver dollars. There were 50 colns, 25 for each

A farmer who fed his hogs on swill from a Grand Rapids restaurant lost 28 of them, worth \$300. The stubs of cigars flavored with the leavings of the bar were too much for the

Prof. Prescott, of the University, has recently made an analysis of brine pumped at Manistee, and finds that it contains a greater proportion of salt than is found elsewhere in the United States. Supervisor McKay, of McMillan township, Chippewa County, has converted his property into cash, and after borrowing from his friends, skipped the town, leaving his wife and credit

ors to lament him. Col. Rogers, of the Michigan Military Academy at Orchard Lake, has had several saloonists of Pontiac arrested for selling liquor to minors. He will protect "his boys," the cadets, as much as is in his power.

A Lapeer County couple who concluded life was not worth living if it must be lived in company recently sundered their the without the formality of the law, and divided their belongings, including children, chickens, etc. The Flint Globe figures that the surplus clover seed of Genesee County for 1884 amounted to at least 12,000 bushels, worth \$50,000. The value of the pressed hay sold out of the county is estimated at forty thousand dollars.

Samuel White of Grand Rapids, who has been looking for a pension for services in the late war, finds that he was killed by the rebels in 1865. As the department records show that he was permanently killed, he has fears about btaining the pension. Lewis Cornwall, of Mt. Morris, Genese

Lewis Cornwall, of Mt. Morris, Genesee County, purchased the flour which was inbar-rels in the hold of the F & P. M. steamer when it foundered off Ludington, and is feed-ing it to his fattening cattle, some 350 head of which he now has in his stalls. Fire at Luther, Lake County, on the 3d d rive at Littler, Lake County, on the 3d destroyed seven wooden buildings, valued at \$7,000. Among the buildings burned was a saloon, the liquor rescued was freely consumed, and drunken men howled round the fire till the scene resembled pandemonium.

Near Bridgetown, Newaygo County, last week, while Mrs. Whitmore was at work at Near Bringetown, Newaygo County, last week, while Mrs. Whitmore was at work at a neighbor's two miles away, and her husband was in the woods chopping, their house took fire, and the two year old child who had been left alone in the house burned to death.

Eaton Rapids Journal: Two lads of Brookfield, Charles Thuma and Wiley Tate, broke into the house of Wesley Swan, and stole \$260. The boys were seen dividing the money, arrested, and afterwards confessed. Their parents are honored and respected citizens. Schmidt Brothers' glue factory in Paris township, near Grand Rapids, burned on the 5th. Loss, \$10.00; no insurance. The fire was probably incendiary, as the neighbors did not like the odors of the establishment and the proprietors had been sued for maintaining a

Tally one for the skating rink! An Onsted, Lenawee County, couple who had been living apart for two years, and had made application for a divorce, met at the roller rink. Tears, re-oncilation, reunion. They now skate together in harmony, and stand or fall—on skates—together.

Dealers who have recently visited the Saginaw Valley lumber districts say not over half as much stock will be got out this winter as usual. The larger firms would like to restrict production to one-third of last year's cutting, but the smaller firms could not afford so great

John Lawson, of Adrian, who aspired to be a "gild-d youth," and spared no expense to that end whenever he could obtain money or goods on credit, is mourned by tailors, jewelers and barkeepers of that burg, having sud-

W. K. SEXTON, of Howell, Mich., has redenly disappeared. His creditors are so

Ann Arbor Argus: Recently James Riley, of Dexter, visited Mr. and Mrs. Fuller, of Ann Arbor. Last week one of Mr. Riley's childred died of diphtheria, having caught the disease from sojourning in the dwelling where two of Mr. Fuller's children died of the same disease chout two months ago.

Pat. Benan, a desperado of Negaunee, whi and it the pose of citizens who went att him had caught him, his shrift would have bee short. Some of the searchers went to a hom of ill-fame kept by Benan, but not finding his fired the building. Kohl has since died.

On the night of the 4th four criminals mad On the night of the 4th four criminals male their escape from the House of Correction at Ionia, by removing stones from a cell will reaching the roof through the hole thus made. Seven or eight officers are after them. It really looks as if the State would have to order its prisons enclosed with wire netting, or she such protection. Escapes are quite too easy.

The Pontiac Bill Poster says a war over the erection of a new schoolhouse at Pine Lake was brought to a happy if unexpected conclusion by the "horse sense" of a farmer who when the measure seemed on the point of being defeated, brought in seven ladies, who being free holders were entitled to vote, and who promptly voted for the new building, thus definitely settling the vexed question.

Six men tunneled their way out of Jackson prison on the night of the 3d, the tunnellealing from an unused blacksmith shop. It had been in making over a year. The convicts who escaped were all desperate characters, George Wilson, who killed Policeman Bullard, being one The others were Deacon, Lawson, Ryan, Murry and Talbot. Talbot was recaptured, being wounded by a ball force of the second control of the control of the second control of being wounded by a ball from the guard. Dea-con, Murry and Lawson were recaptured after three days' exposure, being taken at Jones-ville. \$100 00

General. General Grant has been placed on the retired

list of the army. Fire losses in the United States in February aggregated \$10,000,000.

Samuel Powell, of Newport, R. I., the lead-

ing chemist in America, died on the 5th. The Canadian national debt has increased 27 per cent in the last 11 months, and is n_{07} \$258,000,000.

Eight hundred coal miners are on strike at the Pittsburg collieries They want an advance of three cents per bushel.

Only one lady was included in the graduating class of the Ohio Dental College this year, but she took the gold medal of honor.

The Oliver Chilled Plow Works have resumed operations at South Bend, and the scheme to remove the works has been abandoned. It cost England \$43,000 to repair the damages caused by the dynamite explosions in the House of Commons and Westminster Hall.

It is reported that the Governor General of Canada has been authorized to raise five regiments in Canada for the English service. An explosion of natural gas at Pittsburg on the 6th, badly damaged Bakewell's new and handsome building, occupied principally by lawyers.

The Canadian voyageurs cost the British government \$3,000 per head, or \$1,050,000 for the 350 men. The men had a very stormy pas-

R. Calhoun, aged 40 years, gets 42 years' im-prisonment for debauching 14 young girls who belonged to his Sunday school class at Marion Center, Ks. At Portland, Oregon, Grant Hellman placed several giant powder cartridges on a stove to warm them, when they exploded and Hellman was fatally injured.

Mrs. Nancy Lawrence, holding a ticket from Lapeer, Mich., to Ogdensburg, N. Y., fell from an express train near Stratford, Ont., on the 6th, and was killed.

The authorities are after the pool-sellers of Coney Island, and one of them. Paul Baner, was sentenced to pay a fine of \$750 and spend three months in jall.

Dr. Goesner, convicted of poisoning his wife and his wife's mother, paid the penalty of his crime at Philadelphia last week, protesting his innocence to the last. Josiah Locke, former editor of the Indian-

apolis Journal, dropped dead in the office of that paper on the 5th. He had but just returned from California. A wall of the Ohio Oil Company's lineed oil works at Dayton, O., burst last week on account of the pressure against it, and a large quantity of lineed oil and seed was destroyed. Canadian police guards at the Dominion Parliament House have been doubled, and every stranger entering is subjected to a strict examination before being allowed to pass the

Lynn, Mass.. newsdealers will boycott Frank Tousey's publications because he reduced the wages of compositors 15 per cent. The news dealers' action is due to the influence of the

Aguero, the Cuban revolutionist, was killed at Prendis Pastures, March 2nd, in an encoun-ter of his band with a Spanish force. He was literally hacked to pieces by the hatchets of the vindicative Spaniards.

Canada's finance minister believes that \$31,755,000 will be the expenditures for next year, while \$32,800,000 will be received. A number of tariff changes have been submitted number of tariff changes have be to the Canadian Parliament. A united pipe line oil pipe burst near Wrights-

ville, Pa., on the 4th, flooding Abraham Keider's farm. A passing locomotive set the oil on fire and a large quantity was consumed before the supply was cut off. Now it is rumored that the attack by robbers on the State treasurer's office at Omaha, on the State treasurer's office at Omaha, Neb., was a preconcerted plan to cover a de-falcation, and that the arrest of the thieves

A lamp exploded in a Bradford, Pa, hotel on the 6th, and the building, together with three adjoining ones, was totally destroyed. Two men were burned to death. Another, 75 years of age, jumped from a second story window, and escaped unburt. At Scottsville, Va., last week, a lad of seven

was a surprise to the officials, instead of being

named Melville Barnett was found dead in a barn. As he had been "playing circus" it was thought he had been killed by a fall, till his eight year old cousin confessed that she his eight year old cousin confessed the struck him with a shovel and killed him.

While two young Indians were endeavoring to collect a debt of Timothy Caughlen, at Sault Ste. Mary, the latter discharged his pistol, killing one boy instantly, and wounding the other so that he died next day. Caughlen has been arrested and claims the shooting was accidental. It is said that aconvict in the jail from which Dr. Goesner was taken to execution at Philadelphia last week, died of fright during the execution. Another man, also under sentence of death, became delirious with fear as he listened to the procession passing through the

orridors of the jail.

Three thieves followed a messenger boy along one of Philadelphia's principal streets on the 5th, and finally grabbed a basket he carried, but failed to get it. The boy notified a policeman and one of the men was arrested. When the would be thief found the basket contained \$40,000 in bonds and securities, he had tried harder for it. Grover Cleveland was formally inaugurate

Grover Cleveland was formally inaugurated at Washington on the 4th. The military and civic display was the largest and finest ever known on such an occasion. President Arthur packed his gripsack the day previous, and after a brief interval of rest, to accustom himself to paying his own board bill, will resume the practice of law in New York.

At Stellarton, N. S., on the 4th, Thos. Blackwood, aged 14, assaulted Michael Denon, aged 9, who ran away. Denon fell exhausted in the snow and Blackwood knelt upon him deliberately took out his jacknife, and plunged the blade into the small of his back. Denon was removed to his home. Both legs are paralyzed and he is not expected to recover. Mrs. R. Cramer, of Chicago, gave a tramp

ten conts at her door on the evening of the 3rd. The man snatched her pocketbook and turned to run, but when Mrs. Cramer commenced to scream, returned, knocked her down, kicked her until she became insensible, when the single property and field. Mrs. C. is robbed her of her jewelry and fied. Mrs. C. is likely to die from her injuries, and there is no he to the tramp.

The British government will ask Parliament to assent to an increase of 20,000 men in the

March 101

Two French transports collided off Spain, and the Tonquin was sun;, wither crew.

The insurgent native chiefs of Incarready raised the flery cross and proin favor of Russia.

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Gen. Wolseley's headquarters in the will shortly be removed to Dongola. It is too be to be the third catary within reaching distance of Wady H Korosko. Detachments of troops will taiped at various points along the communicate intelligence and assist Brackenberry's force to reach a new operations. That officer's retreat hitherto unmoles ed and it is hoped reach Merawe in time to make a junct the rear guard of Wolseley's army.

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TITRaspberry Marlboro,

Gooseberry, Industry, Grape Niagara, tion and prices together the gooseberry free. the gooseberry free. ELLWANGER & BARF Rochesto Mt. Hope Nurseries, R. 124eow3t SHORTHOR

AUCTIO

having concluded to go out of the b br tding Shorthorns, I shall offer my et at atction on Wednesday, April 15,

beginning at one o'clock, P. M. The soffered comprises animals that I have refused to part with at any price, and now if I were not going out of the busing families represented in the herd are the Bell Duchesses (or Filberts Oxford Roses, Aches... ford Rose... Gwynnes, Phyllises, Pomonas, Cruikshank, Adelaide

and of all ages and both sexes. They without reserve.

Teams will be in atlendance at Wixor val of trains the day before and on the cup to noon to convey visitors to the farors from a distance coming the day before ared for. TERMS —One year's credit on appr-bearing seven per cent interest, or a d three per cent for casa.

For catalogues giving extended ped full particulars, address, A. S. BROOK D. MORELAND, Auctioneer.

PUBLIC SA Shorthorn and Ayrshire

---on---Wednesday, March 25th ---AT----

State Agricultural College,

Forty head of Shortherns, embracia so fthe following well-known fami of Sharon, Peri Duchess, Victoria Pheenix, etc. A number of superior A number of Ayrshire and Jersey becross-bred Galloways and Shorthorn pure-bred Jersey bull. Also a fine lot China and Essex Swine of both sexes. The stock will not be overfleshed, vigorous breeding condition.

Terms cash, or a credit of six mogiven on an approved bankable note by per cent interest per annum.

Catalogues will be ready about Mar will be sent on application.

will be sent on application.
The swine will be 20ld at 10 o'clock at 12; sale of cattle will commence at Address for further particulars,

J. A. MANN, Sup't AUCTION S.

SHORTHORN CA WEDNESDAY, APRIL 8

-AT-Sparta, Kent Co., Mi The stock to be sold consists of ov Bulls, Heifers. Cows and Calves, bel-herd of Norton Fitch. Terms reason for Catalogue. Address

NORTON F J. A. MANN, Detroit, Spa **ESSEX STOCK**

Walkerville, Ont., Ca

HIRAM WALKER & SONS. P JOHN DIMON, MANAGE - IMPORTERS AND BREEDER Percheron Horses, Short Polled Aberdeen Angus Berkshire and Suffolk

and Shropshire Sh YOUNGSTOCKFO Shorthorn Bulls F I have three young Shorthorn but service; they were sired by 2d King, by King of the Roses 34254, ff ashiomably bred dams sired by 53d drie 41350 and Vanquish Airdrie 34d all seds and fine individuals and cheap.

TRANKLIN mil0;4t Constantine, St. Jose

Shorthorn Bulls F Six young Shorthorn bulls, all a sired by Horatio, he by Gen. Cust Hela 3d by Rufus 18275, with one ex are red, red and white, and one ros are red, red and white, and one ros for soon will be sold at very reasons digible to registry. Address WM. T. JOHI janareowik

Shorthorn Bulls F Sired by Proud Duke of Fairviord Barrington Hillhurst 52431, Sired by Froun Functions 52431, Cord Barrington Hillhurst 52431, Mary, Phyllis, Lady Elizabeth, Per Rose of Sharon cows. Also a few ors. Rehiable catalogues always of tribution.

WM. CURTIS & Addison, Lenawe Addison, Lenawe
Addison is on the new Michigar
road. Residence connected with 8

MR. R.C. AULD, DEXTE goes to Scotland this winter to re with another selection of stock. vite Michigan breeders of all ki stock to communicate with him. stock to communicate with him.
siring to make special sections cet prices being obtained. Sat afterd.
Mr. J. W. Harris, Pinckney, dettaken to show the imported her Angus to intensing purchasers in Scotland, E. C. AUL.
014. E inburgh Hotel, Edinbur

BRONZE TURK

A few pairs of Bronze Turkeys, stock, for sale. Price \$5 per per p blers, \$3 each. Cash with order. 117-tf JAMES LISTER, T

d. His creditors' are sorn

us: Recently James Riley, Mr. and Mrs. Fuller, of Ann k one of Mr. Riley's children a, having caught the disease in the dwelling where two of ren died of the same disease ago.

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England and Russia now engage the attention of European diplomats. A conflict seems more than possible. It is thought England cannot afford to overlook Russia's advances in Afghanistan, and that if the encroachments are resisted, war will follow. A dispatch from Calcutta states that India is able and ready to concentrate 26,000 native troops under the imperial colors at Quettah. It is also stated that 50,000 men have been preparing the past six months to take the field in Peshawar. The viceroy's government has long been preparing for the present emergency, regardless of the home government's apathy.

NEW ADVERTISEMENTS

MIR MRaspherry Marlboro, Gooseberry, Industry, lars giving full description and prices together with a colored plate of the gooseberry free.

ELLWANGER & BARRY,

Mt. Hope Nurseries, Rechester, N. Y.

SHORTHORNS

AUCTION

concluded to go out of the business of Shorthorns, I shall offer my entire herd

Wednesday, April 15, 1885, beginning at one o'clock, P. M. The stock to be off-red comprises animals that I have heretofore refused to part with at any price, and would not now if I were not going out of the business. The families represented in the herd are the

Bell Duchesses (or Filberts), Oxford Roses, nohes.
ford Roses,
Gwynnes,
Phyllises,
Pomonas,
Cruikshank,
Adelaides, etc.
They will be

nd of all ages and both sexes. They will be sold without reserve.

Teams will be in attendance at Wixom on arrivator frams the day before and on the day of sale up to noon to convey visitors to the farm. Visitors from a distance coming the day before will be arred for.

TERMS —One year's credit on approved notes bearing seven per cent interest, or a discount of three per cent for cash. For catalogues giving extended pedigrees and full particulars, address, A. S. BROOKS. WIXOM, Mich.

D. MORELAND, Auctioneer. PUBLIC SALE

Shorthorn and Ayrshire Cattle

Wednesday, March 25th, 1885 ---AT---

State Agricultural College, Lansing. Forty head of Shorthorns, embracing individuals of the following well-known families: Rose of Sharon, Peri Duchess, Victorias, Harriets, Pheenia, etc. A number of superior young buils. A number of Ayrshire and Jersey helfers also cross-bred Galloways and Snorthorns, and one pure-bred Jersey buil. Also a fine lot of Poland-China and Essex Swine of both sexes.

The stock will not be overfleshed, but in good, vigorous breeding condition.

Terms cash, or a credit of six months will be given on an approved bankable note bearing seven per continuerest per annum. given on an approved bankable note bearing seven per cent interest per annum.

Catalogues will be ready about March 18th and

will be sent on application.
The swine will be 20ld at 10 o'clock A. M. Lunch at 12; sale of cattle will commence at 1r. M. sharp Address for further particulars, J. A. MANN, Sup't of Far.

AUCTION SALE

-OF-SHORTHORN CATTLE

-ox-WEDNESDAY, APRIL 8th, 1885,

Sparta, Kent Co., Michigan

The stock to be sold consists of over 35 head of Bulls, Heifers. Cows and Calves, being the entire herd of Norton Fitch. Terms reasonable. Send for Catalogue. Address

NORTON FITCH, J. A. MANN, Detroit, Sparta, Mich.

ESSEX STOCK FARM Walkerville. Ont., Canada.

HIRAM WALKER & SONS. Proprietors JOHN DIMON, MAKAGER. - IMPORTERS AND BREEDERS OF -

Percheron Horses, Shorthorn and Pclled Aberdeen Angus Cattle, Berkshire and Suffolk Pigs

and Shropshire Sheep YOUNGSTOCKFORMALE

Shorthorn Bulls For Sale. I have three young Shorthorn bulls now fit for service; they were sired by 2d Kirklevington King, by King of the Roses 32254, from well and fashionably bred dams sired by 53d Duke of Airdrie 43630 and Vanquish Airdrie 34630. They are all reds and fine individuals and will be sold cheap.

FRANKLIN WELLS, mi0;4t Constantine, St. Joseph Co., Mich.

Shorthorn Bulls For Sale. Six young Shorthorn bulls, all fit for service, sired by Horatio, he by Gen. Custer 29618, dam Hela 3d by Rufus 18275, with one exception. They are red, red and white, and one loan. If applied for soon will be sold at very reasonable prices. All eligible to registry. Address WM. T. JOHNSON, jan27cow13t Northville, Mich.

Shorthorn Bulls For Sale. Sired by Proud Duke of Fairview 20730, and Lord Barrington Hillhurst 52431, out of Young Mary, Phyllis, Lady Elizabeth, Perl Duchess and Rose of Sharon cows. Also a few cows and helf ers. Rehiable catalogues always on hand for distribution. WM. CURTIS & SONS. Addison, Lenawee Co., Mich. Addison is on the new Michigan & Ohio Rallroad. Residence connected with State Telephone

MR. R.C. AULD, DEXTER, MICH,

goes to Scotland this winter to return in spring with another selection of stock. He would invite Michigan breeders of all kinds of fancy stock to communicate with bim. Breeders desiring to make special se ections can rely on lowest prices being chiained. Sat staction guaranteed. Mr. J. W. Harris, Pinchney, Mich., bas un dertaken to show the imported herd or Aberueen Angus to intending purchasers. Address while in Scotland.

R. C. AULD,

BRONZE TURKEYS. A few pairs of Bronze Turkeys, bred from fine stock, for sale. Price \$5 per per pair; single gob-blers, \$3 each. Cash with order. Address fi7-tf JAMES LISTER, Trenton, Mich. NEW ADVERTISEMENTS.



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- BREEDER AND SHIPPER OF-Pare-bred Recorded Poland China Swine Registered Jersey Cattle. (A. J. C. C. H. R.,)

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Poland Chinas still a specialty. Herd established in 1869. Is once and one-half the largest herd recorded in the Ohio Poland China Record; there being only one other herd that has half so many recorded animals. Riverside herd is emphatically a herd of prize winners. Stock all dara in color and faultiess in style, consisting entirely of the most noted families of the day. Eight grand stock boars head the sheet, all of choicest breeding and highest individual merit, thus enabling me to breed each and every sow to just such a boar as is best adapted to her. Special rates by all Express Companies. Can supply stock in pairs, herds and car loads. Stock all recorded in Ohio P. C. Record, therefore they are all eligible to all the P. C. Records. Nearly one hundred elegant sows, all ages, safe in pily by best stock boars now on sale, besides a superior lot of boars ready for service. Special reduction in price of all boars beginning January 15, 1883, to la-t thirty days. A superior lot of pigs fall of 1884 also on sale at great bargain. This herd has no superior for elegant style, symmetrical forms and combined color, constitution, size, early fattening qualities, and fine finish.

color, constitution, size, early fattening qualities, and fine finish.

A choice lot of young, solid-colored A. J. C. C. H. R. Bulls for sale cheap. Rich in the blood of Alphea, Rioter 2d, and other noted strains. For prices and particulars address as above. All

HOLSTEINS

OR DUTCH-FRIESIANS,

At Living Rates! A fine selection comprising about 100 head of registered stock of my own breeding, and from my importations of 1882 and 1883. A specialty of young pairs not related for foundation stock. Calves of all ager. A fine lot of yearling heifers just coming two, and two-year olds just coming three due to calve in May and June, breed to my prize imported service bulls "Jonge Carre" and "Prince Midlum" who have no superiors. Prices reasonable. Write for prices and catalogue.

M. L. SWEET.

Breeder and Importer, Grand Rapids, Mich

SHORTHORN BULLS FOR SALE. Three bulls from eleven to twenty months old. Solid red well bred, good individual animals and prices to correspond with times.

H. C. RICHARDSON,

m3-4t Sandstone, Jackson Co, Mich.

HIGH-BRED STOCK For Sale.

Bates Shorthorns—Cows, heifers and calves. Three choice Victoria Duke bulls ready for service. Trotting and Clydesdale Horses. Also a fine lot of Shetland Ponies bred from stock direct from the Suetland Islands. Send for new catalogue just out.

JOHN P. SANBORN, Port Huron, Mich.

FOR SALE

Our Fercheron stallion "Experiment," sired by Duke of Perche and purchased of M. W. Dunhan Weight, 1,000 pounds. MILLER BROS., m8-4t Swartz Creek, Mich. FOR SALE CHEAP.

Farm containing one hundred and sixteen acres; 90 of it under good improvements, balance in choice timber. All well watered with a neverfailing spring brook. Large orchard containing 250 grafted trees, all choice fruit; located close to the vill-ge of Bennington, good buildings in good repair, only 80 rods from depot elevator and stock yards. Will sell stock and tools very low if sold with farm. For terms and price address GEORGE ROWELL, 127-8t Bennington, Shlawassee Co., Mich.

SPRING BROOK DAIRY FARM FOR SALE.

Owing to the death of the owner, this farm is

DUTCH-FRIESIAN BULL FOR SALE. I have a thoroughbred Dutch-Friesian (Holstein) bull. nearly nine months old, which I would like to exchange for store sheep. Address flotf EDWIN PHELPS, Pontiac, Mich.

A. J. MURPHY. Breeder of Pure-bred Recorded POLAND CHINA SWINE PLAINWELL OR SILVER CREEK, MICH. My herd is dark in color and bred from the mos-noted herds of Ohio and Michigan. Pigs sired by Arnold's Sambo, Black Tom, Hopeful, Murphy's W. 8. and Dixie. Stock first class. Prices reason able. Special rates by express.

Shorthorns For Sale. Bulls, Heifers, Calves and Cows. Choice milk ing strains. All Herd Book registered. Will be sold very reasonable at private sale.

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Essex.

May-18 1y

d18-1v*

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Boetry

THE PLAINT OF THE DESOLATE Fve toiled with my hands till the long day is don But there's nobody glad for the bread I have won; Nobody smiles when I reach my lone room, body whispers, "I m glad you have come;"

Nobody lingers with tenderest care To brush back the locks of my damp, clusteri No one, with accents so loving, will say, Darling, you're weary enough for to-day;

Though my shoulder is bowed by the burden And I am so weary-there's "nobedy cares." Father and mother are cold in the tomb,

With brother or sister for me there's no room Chill death seems my only attendant to be, For lover and friend hath he put far from me The broad streets are full of the young and the

Who notice me not as I pass on my way; I see their bright smiles and their kind, loving

I hear their fond welcome, their tender good byes But nobody asks how the poor toiler fares; 6, I am so lone y but-" nobody cares."

Thus lenely and sorrowing, day after day, against the grain. I must walk as I can on my deso'ate way; I must seek ever more for my pittance of bread; To nurture the life where all pleasure lies dead No bright hope is budding in beauty for me, No light on the shores of the future I see; But soon I shall rest, for my work will be de A coffin and shroud be the meed I have won. And they'll say when death's pallor my sunke Poor thing! she is dead!" but there's "nobody -Massachusetts Ploughman.

RETURN OF THE FISHING FLEET.

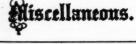
There's light upon the sea to-day Ah, well ye knew that hearts are gay When sails draw nigh the land

We followed them with thoughts and tears. Far, far across the foam; Doar Lord, it seems a thousand years Until the boats come home We tend the children, live our life. And toil, and mend the nets;

Whose faithful heart forgets! We know what cruel dangers lie Beneath that shining foam. And watch the changes in the sky Until the boats come home. There's glory on the sea to-day,

The sunset gold is bright; Methought I heard a grandsire say, " At eve it shall be light!" O'er waves of crystal touched with fire

And flakes of pearly foam, We gaze-and see our heart's desire-The boats are coming home



COUNTY-COURTED.

Doctor Andrew Threipland seated himself in his surgery and passed his fingers thoughtfully through his heavy brown hair. It was a favorite gesture; and nothing could be more becoming than the way in which his sunny locks rose from his white forehead and then fell rippling over it again, as the long fingers parted them.

Perhaps the Doctor knew this. If he did not, his lady-patients did; and, how ever they may have differed about other things, they were pretty generally agreed that there was not another man in all London who had such a head of hair as Doctor Threipland-or such a fine face either, many of them said-clever, refined and handsome. It was a determined face too, when at rest; but, when he smiled, with his clever gray eyes as sweet as any woman's, those who understoodought they understood—anything of physiognomy said that such a fine face could go only with an exceptionally fine nature. But some sceptic averred that the face could not be relied on as an index of character, and that, even if it could. they would like to see the Doctor's mouth before judging whether it was his own virtues or those of his ancestors that had set their seal upon his features. So much depended on the shape of the lips, they said. But, as Doctor Threipland wore a moustache, the contour of his lips could only be guessed at.

"Well, you must take them all to the County Court," he said at last, taking his fingers out of his hair and leaning back upon his chair.

"I don't think it would be any good to County-Court Mr. Morris Capel. I have tried him a dozen times, and he won't pay," answered the other occupant of the surgery, a dark, shabby-looking man. "Then he ought to be made to pay.

can't afford to lose my fees," rejoined the Doctor, with an expression on his face that would have astonished some of his

patients could they have seen it. "But he would most likely defend the case on the ground that he was not re-

sponsible for his sister's debts." "Then let the sister pay her own debte

unless she is a rogue too. "I believe she'd pay if she could; bu

she has only what she makes by giving music-lessons."

"People can always find money some where if they're made to do it " But, if I did press and get an order

you would hardly like to put her in jail. It is where people ought to be put who obtain medical advice without the means or intention of paying for it. But wipe it out if you think it can't be recovered, and take proceedings against the others at once." The debt-collector promised, and left

the surgery.

"The Doctor is as hard as a flint," he paltry seven-and-sixpence, after her kindness to the children."

So saying, Mr. Smith shuffled off to the public-house round the corner, happy in the consciousness of having, as he question asked in the outer room, and thought, done a kind action at the cost of then the door of the surgery opened a small commission to himself and a few quickly, and Miss Capel herself stood beshillings to his patron. Of the falsehood fore him. Her face was flushed, her eyes he had told to gain his end he thought were bright, and her whole appearance nothing at all; nor did it once enter his was hysterical. mind that he was doing Mr. Capel any "Good evening, Dr. Threipland," she lajury by giving Doctor Threipland a said, however, with outward composure, false impression of his character. The as she extended her hand.

chief end of his own life being to force debtors to pay, he naturally thought tnat the chief end of theirs was to evade payment, and that, if the end were gained, they did not care what means were used. And indeed the experience he had had of them had gone far to justify this theory.

Doctor Threipland leaned back in his chair after Mr. Smith was gone, and again he passed his long, sinewy fingers through his sunny hair. His slight irritation soon ceased, and the hard lines disappeared from his face. If other people had failed in their duty, he had done his, and bad found it profitable.

Seven years ago this very day he had come to London an assistant to a general medical practitioner. He had been poor and unknown then; now he had a large and increasing practice of his own, and his bank account was increasing also. He had not succeeded without a struggle; but indomitable pluck and perseverance, combined with his skill and pleasant exterior, had carried him upward. He had plenty of tact, too, and could stoop to conquer. if need be, through it might go sorely

People said Dr. Threipland ought to marry. He thought so himself; but hitherto he had been too busy providing the means for keeping a wife to bestow much thought on who she was to be. He had decided that the lady must have good looks, good means, and be of good position; but, though several ladies on his list of patients filled all these requirements, his choice had not yet fallen on any one of them. Still it was a satisfaction to know that there were eligible ladies to be had for the asking.

No wonder the Doctor felt a glow satisfaction as he leaned back on his chair and reviewed the past seven years. And the record of this last day—the septenary she had been hedged in by love and re--was satisfactory also. He had-as the spect from the hard usage of the world, children's hymn says-finished his business with patience and care, and been never kept any count of the constant undertaken it." good and obliging and kind, not only to visits he had paid through long illness the patients who repaid his kindness with that had ended at last in the death of both gratitude, but also to those who looked father and mother. But she was just even upon their doctor in the light in which in her resentment; she knew that things they did their tailor, and considered that, must be different in London, and that she when they had paid him his bill with some him quite as fully as he had done his by

Even to those whom he hardly expected to pay him till pressure was put upon them the Doctor had not to-day been harsh, only cool and curt, or else brusque, and perhaps a trifle disrespectful, which was quite good enough treatment for those who were capable of treating him so shabbily.

"Oh, Andy, my dear, here is a letter quite forgot about it till now!"

It was the Doctor's sister who had broken in upon his reverie. She was a tall, fair woman, older than Doctor had refused. He is very ill, and you must Threipland, and far from being as handsome. She had a large nose and a large iag of her ungloved hand, as a sudden mouth, and though her eyes were large chronic state of being half closed with laughter. Mab Threipland and her brother smiled affectionately on each other as he held out his hand for the letter which she playfully tossed to him.

He lifted it carelessly from the ground, upon which it had dropped, and opened it slowly. The letters were irregular, as if written with a shaking hand.

"DEAR SIR .- My brother is very ill." Will you come and see him at once?
"Yours truly,
COUNTESS CAPEL."

"'Countess?" he fepeated. "What a funny name!" And then, almost in the same breath-"By George! it must be that sister of Mr. Morris Capel. What cheek!" A glance at the address of the letter and then at his day-book having shown him that it was the same person, the Doctor

hastily scribbled a reply. "Doctor Threipland presents his compliments to Miss Capel, and begs to inform her that it is not his custom to give attendance to those who have not paid He had not asked her to sit down and he their former account, especially when it had kept his own seat at first while talk-has been placed in a collector's hands."

Then, ringing the bell sharply, he gave he little twisted note to his errand boy, with directions to take it at once to 81 Doubty Place.

"What cheek," he repeated, "to ask me, in such cavalier fashion, to go to see he has humiliated me this day!" her brother without even an apology for not having paid what thay already owe.' sumption and resisted imposition, ran his

whistled softly to himself. Tne Capels were little more than names to him: and, in speaking of them to were trees which gave a pleasant shade, the collector, he had remembered nothing and the Capels preferred the quiet place about them except that they were in his to a noisy street with houses staring at

deht. But now he began to recall the circum stances connected with them. A message had come to him one evening, and, he houses in the row, and, letting herself in being out and the messenger being quietly with a latchkey, threw her bonnet urgent, his assistant had gone in his and jacket upon the hall table; then, try place. He had found Miss Capel suffer ing from a violent spasmodic attack alarming while it lasted, but not dangerous, and which soon subsided under simple remedies. When he had himself called next day, he found her quite re-

covered. He remembered her perfectly nowquiet little dark girl, who seemed much attached to her still darker but quiet brother. She wore a pearl-and-turquoise ring on her "engaged" finger, and she played with it when answering his ques tions. They lived in mean apartments: said to himself. "I wonder what he and, judging from that and from the curing him medical advice. He had been would say if he knew I had never once young lady's manner that they could not in great pain all the previous night, and asked Mr. Capel or his sister for the afford to pay for prolonged attendance, money? The Doctor can afford to lose it he had not called again. And this was a good deal better than they can to pay it, how his forbearance had been rewarded! so much better in the morning that he and I'm not the one to worry them for his Well, she knew by this time that people who wanted medical attendance gratis must go to some one else. for they would

not get it from him. A few minutes afterwards he heard

opened it herself; and, asking abruptly if her brother was in the parlor, he walk-

saw his hesitation and regretted her de- him how he felt. monstration of friendship. She could not have told why she had offered him her his irritability subsided as he answered first time what a finely formed head she hand, when at heart she was boiling over the Doctor's questions; and County, had, and how soft and glossy were the that she felt friendly in spite of her rage, and was resolved that he should come to

see her brother. She had liked him when he had visited herself, and felt that he was one whom she could trust. She thought he could be hard; but she knew he could be kind, and was determined that in her case he should "act up to" the nobility of the after her, thinking he might have some face that had won her confidence. But thing to say about her brother which he the hard lines and cold eyes were discouraging, and her voice trembled as she

"Dr. Threipland, there has been som mistake-I did not know that you had put my account in the collector's hands." 'You knew it was owing, I presume

It was sent in again and again, and no notice was taken of it." "I was wrong; but I am new to London

my own."

"Well, I make it a rule, as I told you in my note, never to attend where my account is unpaid. You are complete strangers to me."

The voice was harsh, his tone was

harsher, and his face was the harshest of offers hers again. all. He had risen, and was standing as to the quick. Before her there rose the as I live." memory of a quiet country home, where and of a kind old friend there who had ought to have remembered that; and so,

her-"I will pay you the day after to-morrow, Dr. Threipland. I cannot promise t sooner; but I promise to pay you thenand you must come and see my brother not help thinking, "I could forgive him lying on the sofa, and the Doctor beside now."

"There are other doctors you can get to see him," he answered, not willing to tor's own when he was leaving; but there that was left for you in the forenoon! trust to a promise when he knew from ex. | was a great fear at her heart—a fear that | and he puffed at a wooden pipe as they Mary took it in as the boy was out, and I perience how often such promises were broken.

> "I have told him you were coming, and it would excite him to know that you come!" she repeated, with a tight clenchpassionate desire to seize him by the colfurther loss of time sprang up in her heart. her dark eyes glittering dangerously. Doctor Threipland would not have suc-

> ceeded so well in his profession had he not been a quick observer; neither the clinching of the hand nor the glitter of the eyes escaped him, and the reason she gave for her persistency made him think etter of her.

"She understands something of ill ness," he said to himself; "and, though l shall most likely find myself a fool for my pains. I think I will trust her."

But there was no softening of his man ier as he said aloud-"Then, on your promise to pay me the

day after to-morrow, I will go. When to go, she sat still instead of following was your brother taken ill, and what is the matter? She answered his questions briefly, and,

on his promising to be with her brother in ten minutes, she thanked him in a tone out and strode away. as cold as his own, and left the surgery. ing to her. He was hardly conscious of both; and, despite her thankfulness that she had gained her point, there went up a passionate cry from her heart-"Oh that I may live to humiliate that man as

Doubty Place was hardly more than stone's throw from Doctor Threipland's. And Doctor Threipland, happy in the It consisted of a row of small houses fac consciousness of having rebuked pre- ing a long disused graveyard. A few tombstones still stood; but for the most fingers through his hair once more and part the rank grass alone marked where the dead were laid. At each corner of the ground and along one side however there

> them from across the way. Countess-or County, as her mothe had called her-stopped at one of the first ing to remove all trace of agitation from her face, she entered a parlor where

Morris was lying on a horsehair sofa. He opened his eyes when he heard her come in. They were brilliant with fever, and his breathing was difficult.

'What can be keeping the doctor?" he in a querulous voice. "He was out when the note was left,

dear, but he will be here in a few minutes

Morris did not ask how she knew, and fortunately he had no suspicion of the difficulty County had experienced in pro-County bad supported him in her arms while he labored for breath. He had been would not allow her to send for the Doc tor; but later in the day she had sent without consulting him, and, when she told him what she had done, he seemed glad. In the afternoon he had become much worse, and she was just going to send another message to Doctor Threipland when his note was put into her hand. Doctor Threipland kept his promise. Ten minutes had not elapsed when Coun-

ty heard his knock at the door. She

ed in there before her. But, when his

The Doctor did not wish to see it; but eyes fell upon the sick man his whole been needlessly harsh with one who perhe was so taken by surprise that he had manner changed, and his tone became shaken hands—though very coldly—al- winning almost to tenderness as he put most before he was aware. Miss Capel his hand on Morris' hot forehead and asked as usual on his next visit. He stood back His touch seemed to do Morris good;

with rage at his insulting note, except watching the kind, penetrating eyes that nothing escaped, and listening to the pleasant and cheerful voice assuring him | chalant in her manner, it was the Doctor that he would be well again in a few weeks, felt that, cruel though Doctor Threipland had been to her, Morris could have no kinder or more skillful physician. When he was leaving, she followed him into the hall and closed the parlor door would not wish him to hear. But Doctor Threipland did not approve of private conferences in halls and lobbies when he than what it really was because it was him! not spoken of openly in his presence. So, when poor County asked him, with s sinking heart, how he thought her brother and did not know it ought to be paid at was, he answered, in the words which once: and, not wishing to trouble Morris, he had already used, that he had an at-I waited till I should have some money of | tack of pleurisy, and would require care, but would be well again in a few weeks Then repeating his directions as to had begun to see how greatly she respect mustard-plasters and medicine, he took ed herself, he dared not risk offending things: his leave, giving her a careless nod with her afresh. out removing his hat, while he kept his

"He need not have been afraid!" she if waiting for her to go, and the marked | thought indignantly. "I will never offer courtesy of his manner stung Miss Capel to shake hands with him again as long

"I wonder if she will keep her word," thought the Doctor. "Iam in for it now, ill, and I cannot drop the case now I have put her hand into his with a little smile

rather better when he called the next day. ly in the face. Miss Capel opened the door for him as before, and he passed her with the same and Countess Capel were friends. careless, disrespectful air. He never addressed her, except to ask some questions medicine, with the pleasant gleam still led at his watch chain. lingering in his clear gray eyes, she could

anything if he looked like that at me." Miss Capel's bow was as cool as the docof payment the next day. She had left joyment. her landlady in charge of Morris that morning while she went to see a lady who owed her a small sum for music lessons; only one shilling in her purse.

Doctor Threipland saw the trouble shadowing her face. "I don't believe she is going to pay me

to-morrow," he said to himself. He was sure of it when he came on the servations without his own face being too closely scrutinized. When he rose him into the hall, and, when he looked

full at her, she did not raise her head. "So much for trusting to a woman's promise," he muttered, as he let himself

And Miss Capel, watching him from behind the window-curtain, cried in her heart, "What shall I do? What can I do? He will lose all respect for me uneither fact himself; but she had noted less I pay him, and no man ever treated

me with disrespect before." The next morning Doctor Threipland had a note from Miss Capel, apologizing for the non-fulfillment of her promise, and begging him not on that account to

give up his attendance on her brother. The Doctor was very angry when he read it-angry that she had not kept her word, and angry that she should seem to suppose that money was a primary object with him. In the afternoon, when

Miss Capel opened the door for him, she raised her eyes deprecatingly to his face "I was afraid perhaps you would not come," she said.

"I would have come at any rate," he answered; and, if his tone was ice before, it was ice and steel now and everything else that was cold and hard and repellent. County felt as if she almost hated him. But, when she saw him so gentle and winning with Morris, she changed her mind, and thought him the most lovable man she had ever seen.

That evening Doctor Threipland had a third note from her. " More apologies, I suppose," he said.

with a sneer, as he lifted it from his desk; and then he found that there was money inside the envelope.

Yes, there was the amount of his bill at last. And it was not all in half-crowns, made up of single shillings and sixpences, amount. One of the sixpences had a hole Capel had a sixpence suspended from the ribbon that she wore as a watch-guard. "Surely this cannot be the same?" he

thought. "They have no appearance of being in such poverty as that.' And, whistling softly to himself, he slipped the sixpence into his waistcoatpocket before he looked at the note that accompanied the money. It was, prosimply a brief memorandum, written in a

firm, clear hand-"With Miss Capel's compliments, and

ful and humiliating lesson." it; he was beginning to feel that he had the least.

haps deserved kinder treatment. question

Miss Capel opened the door for him to allow her to pass into the parlor before him; and as he did so, he noticed for the think she has lost; and we promised each live together all our lives." dark braids that adorned the back of it. The Doctor stooped for a crooked pin She was perfectly self possessed and non-

some difficulty in disguising it. The sixpence was gone from Miss Capel's watch-guard; but it was not until going. he had taken his gloves from the table in token of departure that he observed that the ring was gone from her finger as well. She saw him looking fixedly at her hand, and knew that he missed the ring, and the slowly-coming color began to creep painfully into her pale cheek. Her conknew that a patient would be straining fession only betrayed the truth he had his ears to catch every word that was only half suspected; she had parted with said, and imagining his case far worse her betrothal-ring to raise money to pay

who was embarrassed to-day, and he had

Doctor Threipland felt remorseful, and heartily wished he had not made such a point of his bill being paid. He would have liked to return her the money, and tell her he was in no hurry for it: but she might feel herself insulted if he did so, after what had passed; and now that he Miss Capel had recovered her self-com-

hand well back, as if afraid she would mand almost immediately, and stood waiting to bow the Doctor out. Without looking at her he extended his hand in and silk; they manufactured cloth of what for him was a shamefaced manner It was her turn to hold back now. Her

head went up, and for a moment he thought she would refuse; but when she thought of his kindness to Morris, gratipay or no pay, for the poor fellow is very tude prevailed over resentment, and she For an instant their eyes met, and two Doctor Threipland found his patient true hearted beings look each other frank-

From that moment Andrew Threinland

"Your sister is engaged to be married, grumbling, they had done their duty by in spite of a lump that was rising in her about her brother, and then his tone is she not? I think I have noticed that throat, she answered, as composedly as if was icy cold; but to Morris he was as she wears a ring on what young ladies wrangling with a doctor about his bill kind as if he had been his brother; and call the engaged finger;" and as Doctor were quite a common occurrence with once, when he had been making some Threipland asked the question in a careplayful remark to his patient, and turned less, off-hand manner, his long fingers round to give some directions about the played with a thin silver coin that dang-

They were in the old position-Morris him with his back to the light. But i was the flush of health, and not of fever that was on the young man's face now she would not be able to keep her promise talked—the very picture of indolent en

Morris' illness had been sharp, and his convalescence slow and very trying, both to himself and County. He was quick but she had found that her employer had and impatient by nature, and weakness gone into the country, and would not be fretted and made him irritable; sometimes back for a week. There was no one else he would think himself much better than too, they locked small, as they were in a lar and drag him away without any to whom she could apply, and she had he really was, and insist on doing things she knew would hurt him, and then at others he would be as persistently downhearted, declaring that he was no better and never would be better, and that nobody cared whether he was or not.

County petted and humored and confollowing day: Miss Capel's eyes fell trolled him, like a good nurse, but often when he looked at her, and with an air of her own heart was very heavy, and to the embarrassment she sat turning the tur- anxiety about his health was added the quoise ring on her finger all the time he anxiety as to how they were to live withwas there. She had her face to the light, out his salary. She had neglected her so that he could note its expression—the music lessons, too, that she might attend Doctor himself always sat with his back on him, and this of itself made a serious to the window that he might make his difference in their small income. But till they had lived somehow, and Morri had never wanted for anything during his illness, whatever County herself might have done.

Threipland had noticed all her patience and love during those dark days; and he had noted, too, that her pale cheeks flushed and her languid eyes brightened when he came, and that Morris himself did not welcome him more warmly than County had learned to do.

The Doctor's visits seemed to bring sun shine into the shabby room. Morris' face would lose its weary, fretful look as soon as he entered, and forgetting his weakness and depression, he would be entrapned into talking and laughing before he knew what he was doing; and then the weight of anxiety would be lifted from County's brow, and she, too, would be merry in a quiet way, and make quaint little remarks that the Doctor would find recurring to him days afterwards.

But somehow he never thought of re peating County's sayings for the entertainment of others, although he often amused his patients with stories he had picked up on his rounds.

County's esteem for the Doctor increased daily, and she was glad to think that the esteem was mutual; she knew from an occasional word or look that she had won his respect and approbation Dector Threipland seemed to have quite forgotten the disagreeable incident at the beginning of their acquaintance. County had not forgotten it; but she had ceased to remember it against him, and, having redeemed her ring as soon as possible had never told Morris how and why she had parted with it.

The Doctor had still continued his visits after Morris' had quite recovered, and often dropped in of an evening to chat with him. County was usually at home as it ought to have been, but was partly when he called. Sometimes she joined in the conversation; but oftener she sat as if to emphasize the paltriness of the at her sewing, a little apart, putting in a word only now and then, to which the through it. He remembered that Miss Doctor always listened with marked attention. It was pleasant to County t have her words harkened to thus-all the pleasanter because she was not ac customed to it, for Morris was in the habit of interrupting and contradicting her without ceremony. Sometimes when she raised her head from her work, sh would find the Doctor's eyes fixed upor her; and then she would smile frankly a perly speaking, not a note at all, but him as if he were Morris, and go on with her work again. This evening, however she had gone to give a music-lesson, and so Dr. Threipland had an opportunity of thanks to Doctor Threipland for a pain- asking a question that had been often on his lips of late, although he told himself The Doctor's brow flushed as he read that the answer could not concern him in

Morris laughed when he heard the

"She is rather engaged not to be married," he said. "It was I who gave her that ring and a lucky sixpence, which I other that we would never marry but

that he saw on the carpet, and began care fully to straighten it.

"Oh, that's it, is it?" he said; and he whistled softly to himself. After a little, he jumped up quickly, saying he must be

"Won't you wait till County comes in?" asked Morris.

"No, my dear lad; I have some visits to pay yet. Good night!"—and, seizing his hat, he went off in a great hurry. Concluded next week.

What we Owe the Arabs.

The name "Arab" suggests to most of us only the picture of a swarthy robber on 'horseback; but it is a fact that, in the middle ages, the Oriental and Moorish Arabs were a race of brilliant scholars and transmitted to the Confederate governartists as well as warriors. To them we are indebted for the invention of the figures we use (called "the nine digits") and for the name as well as the science of "algebra," and almanacs. The following article enumerates several other

The industrious Arabs revived those useful arts which the barbarians of Europe seemed anxious to forget. They wove the choicest fabrics of cotton, wool gold, and carpets of unequalled splendor; their divans were covered with satin cushions, and velvet hangings, and muslins and lace of fairy-like texture adorned the Moslem bride.

In metals, the Arabs were also excellent workmen. 'They forged huge chains and bars of iron; the steel of Damascus was renowned in the cities of Europe.

Their jewelry was the fairest and costliest of the age; they lavished gold and silver in decorating their mosques and their palaces, and their mints produced a coinage that was the model of the Euronean world.

As architects, they invented a strange ly beautiful style of building, in which the fancy of the artist seemed to revel in new creations, and of which the lovely ruins of the Alhambra form a living ex-They eagerly sought for knowledge among the ruins of Grecian literature,

ens and of Rome were translated for the benefit of the students of Bagdad and Cordova. The colleges, and schools, and the Arab cities, were thronged with attentive scholars, when the great nobles of France and England could neither read nor write. They produced eminent poets and graceful writers, while Europe had neither a literature nor a language; their libraries numbered thousands of volumes, when Oxford possessed only a few imperfect manuscripts chained to the walls; and the poorest merchant of Bagdad lived with more comfort, and was far better informed than the proud knight, who

came at the head of his barbarous squadrons, to die on the burning plains of Syria, in an ineffectual crusade Common schools and colleges, indeed seem to have originated with the Arabs. The caliphs were as ardent friends of nopular education as a Brougham or a Barnard. Haroun Al Raschid decreed that a free school should be attached to every mosque; the Spanish caliphs founded colleges at Cordova and Seville, that became the models of those of France and England; the Saracenic workmen were accomplished artists, and the gen-With an ever-increasing respect, Doctor eral education of the people aided the progress of manufactures and the arts .-Good Cheer.

Beautiful Canadian Women. The men look like others of their sex,

with a little more robustress and depth of

voice, but the women and girls of Montreal are totally different in appearance from those seen in the average American city. Their beauty is healthful, vivacious, and vigorous. No Troy woman would dare go into the street with such a pronounced red as super-abundant health and spirits have dyed every pair of girlish cheeks. No drug could produce the flash and sparkle one sees in every pair of girlish eyes, for the young women here get the charms they boast of by skating side by side with their brothers, racing on snow-shoes with the men, tobogganing wherever tobogganing can be practiced. walking like Indians, and running like deer. One's first impression is that they dress loudly, but this comes from their habit of tying a bright-colored worsted comforter over their heads and arountheir necks when they go outdoors. Most of these girls during carnival week wore the costumes of the different skating or curling clubs to which their brothers, lovers, or themselves belonged. These costumes are made of thick white flannel, trimmed with blue or red, or both, as the wearer's taste or the club's choice decrees. They are made loose to give plenty of room for underclothing, with sashes to match the trimmings, and skirts reaching to half-way between the knee and the ankle: That such a dress is warm and convenient for outdoor exercise goes without saying. A Montreal girl will watch a curling or lacrosse match all afternoon standing in the snow to her knees, per fectly comfortable the while, and a young lady from the States, in her sealskin sacque, wrapped in thick robes, shivers from head to foot and wonders if it were ever so cold before. - Troy Press.

At a collection made at a church fair a lad offered the plate to a wealthy man, well-know for his stinginess. "I have nothing to give, was his surly reply. "Then take som she resumed; "I am begging for the poor."

GERMAN SWEET CHOCOLATE is the mos opular Sweet Chocolate in the market. Like all the other cocoa preparations of Messrs. W Baker & Co., of Dorchester, Mass., its purity guaranteed, and being very nutritious and palatable, will be found an excellent article for | derful cures it has accomplished, will be sent family use. Give it one trial and be convinced upon application to C. I Hood & Co., Apotheof its merits. It can be had of any grocer.

General Nathan Goff. A writer in the Philadelphia News tells the following story:

In Chestnut street, recently, I met a typical character-a young man, not much more than 40 years old, a hero is war and a bluffer in peace. He will prob. ably take exception to the word, but the fact is that much of the success of this life is made out of a bluff. That is, the pushing of the courageous element of our nature. When the war broke out he was a boy and lived in a community where nine tenths of the citizens were secession. ists. His family was rich, his title to respectability good, yet all his people stood by the Union. He drifted into the army before he was 20, and in a fight in Hardy County, in his native State, was

Very soon after his incarceration Major Armsby, who lived in the adjoining county to the one in which his parents dwelt, in Western Virginia, was arrested as a spy. He was tried by a court-martial and sentenced to be shot. The fact being ment, they threw the man of whom I am writing into prison, and notified him that his life would be sacrificed when Major Armsby was executed. The same pleasing intelligence was sent to the government at Washington. For several months this young man lay in prison in the shadow of death. Delay became monctonous. His powerful relatives in the North sought to save his life by saving that of the Confederate spy. While they were moving in his behalf the youthful Federal soldier wrote a letter which is now on file in the War Department, in which he demanded that the government should not hesitate in its duty to the spy on account of any sympathy for him. Said he: "A government has no right

captured and sent to Richmond as a

prisoner.

to sacrifice a principle even to save the life of an innocent citizen." It was a manly letter, and no doubt induced the lion-hearted Stanton to agree to exchange the young Federal officer for the man who had been convicted as a spy. At any rate they were exchanged, one for the other, and both returned to their commands. A year later the Confederate was recaptured and brought as a prisoner of war into the town where the Federal soldier lived who had been held as a hostage for him. When this fact was discovered the people were incensed and a mob prepared to lynch the rebel soldier. Twenty-six miles away the man who was once linked to him with peculiar ties was commanding his regiment and the poets and philosophers of Ath-As they were dragging him through the streets of the town to a convenient place of execution the Federal officer arrived on a visit to his family.

He inquired the cause of the commotion and it was told him, whereupon he push. ed his way through the excited crowd, and, laying his hand upon the shoulder of the Confederate soldier, said: "Let no friend of mine lay violent hands upon this man. He did a soldier's duty, and is entitled to the protection that a soldier shall give him." Thus this man's life was saved by the very man who had suffered so much in his behalf. The war closed, both men went back to live in their homes, and now reside in adjoining counties. The Federa soldier soon grew rich and powerful, but neither has forgotted their singular allegiance to one another. The man who wore the blue became secretary of the navy in the cabinet of President Haves, and is now a member of Congress. while the Confederate plods along in the ordinary walks of life. General Nathan Goff, who was a brigadier-general soon after he was 21 years of age, is the hero of this singular reminiscence of the way and is still making his mark upon the history of his time.

A Swedish Godiva. The 2d of February in Sweden is considered the midwinter day. In the era of paganism it was a great festival in honor of the heroine Goa or Goja, deified under the name of Disa, to whom the whole month was consecrated beside. The

legend of Goa is very curious. It states that at one time, when the country was visited by a frightful famine, the Thing, or national assembly, decided that in order to alleviate the general distress, it would be necessary to put to death a part of the population, especially the old and infirm. Goa alone dared to protest loudly, and claimed to be able to propose a means of remedying the dearth which would prove more efficacious as well as more humane.

The King ordered the execution of the decree to be postponed; but in the interim, desiring to test the sagacity of the young girl, and, to confound her audacity, he sent her word he would only receive her on condition that she would come to his dwelling neither on foot nor on horseback, nor in a vehicle-neither dressed nor undressed-neither in the course of a year nor during any particular month-neither by day nor by night.

Goa solved the enigma. She came to the King's house on a sledge drawn by a goat, holding on to the side of the sledge, with one leg resting on the pole of the sledge, the other on the goat. She were a fishing net only, in lieu of garments; and she came exactly at the epoch of the solstice, when the month is yet undetermined, at the time of a full moon, but while it was vet twilight.

Being permitted to speak, she advised that the old and infirm, in lieu of being exterminated, should be merely sent to the still unpeopled parts of the country, where they would be able to obtain the means of existence without being any burden to the community. The King liked the advice, and as the adviser had charmed him by her beauty and wit he took her tor a wife.—La Figaro.

Take It This Month.

Spring rapidly approaches, and it is important that every one should be prepared for the depressing effects of the changing season. This is the time to purify the blood and strengthen the system, by taking Hood's Sarsaparilla, which stan's unequaled as spring edicine, and has endorsements of a character seldom given any proprietary medicine. A book containing statements of the many woncaries, Lowell, Mass. 100 Doses One Dellar.

And this is what he said: " No, they don't begin to fit me-I can see it plain enough; They are not the right dimensions And I'm fooled about the stuff. · There's a stain upon the trousers

And they're short an inch or two And the vest is bound to pucker, No matter what I do. And the coat that fit so neatly,

THE NEW BUIT.

He stood before the looking glass

With frowning face and red,

Scanning himself from head to foo

In that store's deceiving shades, Behold you how it bunches Beneath my shoulder blades! "Oh let me find the fellow That stroked me on the chest, And said that I was neatly built, And big around the breast,

And said I had a bargain,

As he buttoned up my vest! .. Oh let me at the mortal Of the mellow voice and small, Who patted me and flattered me, And even had the 'gall' To say: 'Dot zoot shust vits you Like de paper on de vall!

How they Caught their Fish Here is a very interesting true and I am sorry to be obliged to om names, writes a correspondent from York to an Indianapolis paper. lived in a Brooklyn boarding-ho gentleman, his wife and their t daughter. He was a salesman in a I way dry-goods house, and his salar \$3,000 a year. He had saved \$10.0 the course of thirty years of hard Last summer the wife and the day went to Bridgehampton, L. I., for a recreation, and there met a young from Chicago, who instantly fell com ly in love with the young woman. seemed to have money, and the was sent for to come down and loo The man of business ascertained i

an hour that the youngster was th of a rich merchant who was rated a the millions by the commercial age Indeed, the Chicago merchant an wife were at that moment in Bridge ton. The Brooklyn man formula scheme and hurried to Brooklyn to into execution. In that City of Chu there are to let fully-appointed man in which are not only furniture, bu ding, tableware, silver service, lace curtains, piano and library. best of them come high, to be sur they are exceedingly sumptuous, as live in them is to enjoy life as th you owned them. Our Broadway salesman at \$3.

year hired one of these elegantly fu ed houses for six months, paid months' rent in advance, moved in word to his wife and daughter to Chicago folks home with them. Chicago folks accepted and came a They found their newly made Bro acquaintance living in one of Broo finest dwellings. The practiced the Chicago merchant saw that it require an income of at least \$15 year to live in such a house-more it would require more than doubl sum. The Brooklyn man was evid very rich, and his daughter dou was well worthy to be the wife of th They had a very pleasant visit. The pressed his suit. He was asked to again in a few weeks and get his an

He did so and was accepted. The girl could not then be marrie soon, and December was named. cordingly, just before the holidays was a big wedding in the mansion. was a big handful of Chicago guests congratulated the young man from cago on his good luck in getting so a bride, and one apparently with well-to-do parents. It was a very 8 ful wedding, and the bride is very h presumably, in her Chicago home; b Brooklyn man's lease of the mansio out on the 15th of this month, and now back in the boarding house an selling goods in the Broadway ho

\$3,000 a year. Almost all of the \$ he had saved is gone, too; but h married his daughter to the son of lionaire, and she has promised to tak The Belle of the Ball and the Or "Clara Belle," the vivacious of pondent of the Cincinnati Enquirer The exquisite girl of fashion m through the dancing involvments ball with enormous success. Sh waltz on the tips of her uncorned t lightly as though angelic but in

wings were lifting at her shoulders may simulate the ingenious simplic chilhood so cleverly that her partne as though he had not clasped fle blood, but something as vague, et and squashy as the very ghost of ticism. She may so discount the of professional effort that all the ures of the ballet are forever spoil him, because the sight of prosy kickers will merely recall his mind poesy of grace-which she has pres But when she goes to the supper the real test of her skill is made. is an awfully mundane and gross a dainty girl to be caught at, anyhor if she be dressed in the gauzy tul society debutante, with the sweet of sixteen years expressed in a bea face, and altogether a suggestion th never ejaculated "Darn it!" in life, the test is more perilous. M just such a creature. I sat acro table from her at Mrs. Bradley M great ball. No matter how hung may have been, she resolved to the gratification of her appetite a on such refined things as a glass of pagne and an orange. Her heart for some of the goose-liver pie, b lips said that the thought of it shocked her. It was a substantia of the roast venison that she wante her pouting question was how Adolphus suppose that she could sv the horrid blood-red flesh. So she

the wine and then tackled the oran It was evident that she had reh on the orange and felt confident th

could slide it down her throat w splatter, slobber or muss. She firs it carelessly between the tips of her fingers, toying with it as though th Nathan Goff. Philadelphia News tells ry:

treet, recently, I met a r-a young man, not 40 years old, a hero in in peace. He will prob. on to the word, but the of the success of this a bluff. That is, the urageous element of our e war broke out he was in a community where citizens were secessionwas rich, his title to od, yet all his people n. He drifted into the as 20, and in a fight in n his native State, was

t to Richmond as a his incarceration Major ved in the adjoining in which his parents Virginia, was arrested tried by a court-martial e shot. The fact being e Confederate governthe man of whom I am n, and notified him that sacrificed when Major ited. The same pleasas sent to the governon. For several months lay in prison in the Delay became monctonl relatives in the North life by saving that of

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federate was recaptured orisoner of war into the ederal soldier lived who hostage for him. When vered the people were b prepared to lynch the enty-six miles away the e linked to him with peamanding his regiment. ging him through the to a convenient place Federal officer arrived

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to speak, she advised rm, in lieu of being be merely sent toarts of the country, e able to obtain the without being any nity. The King liked e adviser had charmand wit he took her tro.

is Month. aches, and it is importld be prepared for the the changing season purify the blood and by taking Hood's Sarunequaled as spring sements of a character prietary medicine. A ents of the many wonmplished, will be sent Hood & Co., Apothe-00 Doses One Dellar.

THE NEW SUIT. He stood before the looking glass

With frowning face and red, . Scanning himself from head to foot; And this is what he said: "No, they don't begin to fit me-

February 10, 1885.

I can see it plain enough; They are not the right dimensions, And I'm fooled about the stuff. There's a stain upon the trousers, And they're short an inch or two; And the vest is bound to pucker, No matter what I do.

And the coat that fit so neatly. In that store's deceiving shades, Behold you how it bunches Beneath my shoulder blades!

"Oh let me find the fellow That stroked me on the chest, And said that I was neatly built, And big around the breast, And said (had a bargain, As he buttoned up my vest

"Oh let me at the mortal Of the mellow voice and small, Who patted me and flattered me, And even had the 'gall' To say: 'Dot zoot shust vits you Like de paper on de vall!' "

How they Caught their Fish.

Here is a very interesting true story. and I am sorry to be obliged to omit the names, writes a correspondent from New York to an Indianapolis paper. There lived in a Brooklyn boarding-house a gentleman, his wife and their pretty daughter. He was a salesman in a Broadway dry-goods house, and his salary was \$3,000 a year. He had saved \$10,000 in the course of thirty years of hard work. Last summer the wife and the daughter went to Bridgehampton, L. I., for a little recreation, and there met a young man from Chicago, who instantly fell completely in love with the young woman. He seemed to have money, and the father was sent for to come down and look him

The man of business ascertained in half an hour that the youngster was the son of a rich merchant who was rated among the millions by the commercial agencies. Indeed, the Chicago merchant and his wife were at that moment in Bridgehampton. The Brooklyn man formulated a scheme and hurried to Brooklyn to put it into execution. In that City of Churches there are to let fully-appointed mansions, in which are not only furniture, but bedding, tableware, silver service, china, lace curtains, piano and library. The hest of them come high, to be sure, but they are exceedingly sumptuous, and to live in them is to enjoy life as though you owned them.

Our Broadway salesman at \$3,000 a year hired one of these elegantly furnished houses for six months, paid two months' rent in advance, moved in, sent word to his wife and daughter to invite Chicago folks home with them. The Chicago folks accepted and came along. They found their newly made Brooklyn acquaintance living in one of Brooklyn's finest dwellings. The practiced eye of require an income of at least \$15,000 a year to live in such a house-more likely it would require more than double that sum. The Brooklyn man was evidently very rich, and his daughter doubtless was well worthy to be the wife of the son. They had a very pleasant visit. The boy pressed his suit. He was asked to come again in a few weeks and get his answer. He did so and was accepted.

The girl could not then be married too soon, and December was named. Accordingly, just before the holidays there plated the young man from Chicago on his good luck in getting so pretty | should have had 1,873 head of cattle. a bride, and one apparently with such well-to-do parents. It was a very successful wedding, and the bride is very happy, Brooklyn man's lease of the mansion ran out on the 15th of this month, and he is now back in the boarding house and still selling goods in the Broadway house at \$3,000 a year. Almost all of the \$10,000 he had saved is gone, too; but he has married his daughter to the son of a millionaire, and she has promised to take care

The Belle of the Ball and the Orange. "Clara Belle," the vivacious correspondent of the Cincinnati Enquirer, says:

The exquisite girl of fashion may get through the dancing involvments of the ball with enormous success. She may lightly as though angelic but invisible wings were lifting at her shoulders. She may simulate the ingenious simplicity of chilhood so cleverly that her partner feels as though he had not clasped flesh and blood, but something as vague, ethereal and squashy as the very ghost of æstheticism. She may so discount the graces of professional effort that all the pleasures of the ballet are forever spoiled for him, because the sight of prosy highkickers will merely recall his mind to the Doesy of grace-which she has presented. But when she goes to the supper table the real test of her skill is made. Eating is an awfully mundane and gross act for pagne and an orange. Her heart longed shocked her. It was a substantial piece raw with vinegar. The red ants may be of the roast venison that she wanted, but added to taste,]

the wine and then tackled the orange.

with a knife cut it into quarters. Thirdly, she lifted a section with the thumbs and torefingers of both hands and neatly separated the peel from the pulp at the ends. bit of orange was to have commenced disstill bore the smile of meffable blandness. The eyes of Adolphus were fondly ravish ing her fair face. Then, oh, then the dear mouth, but fell into the low corsage down her skin, lodging in a spot in the region of her belt and quite inaccessible at table she couldn't have yelled "Ouch! with more vim or scampered to the ladies' dressing-room with greater celerity.

A Cow Problem Unhinges a Boston

On the 24th of last January there was handed to the editor of this column, the following question;

"A man had a cow, which has her first calf at the age of three, and one each year till she is twenty-one. Her offsprings are all heifers, and equally as productive. How many head of cattle will the man have at the end of twenty-one years?

It came in a letter from Connecticutmark you, from Connecticut; no other State could have produced such a monstrosity. It didn't look like a monstrosity. though, at first. It looked as harmless and peaceful as a new-born babe. In fact it looked easy, and the editor thought he wouldn't propound it to the people, but quietly give the answer at once. So he sat down and consumed half the

valuable afternoon in answering that easy problem. Only he didn't answer it. The more he worked, the madder he got, and at last he gave it up in despair. That childlike and bland cow problem

appeared January 26th. The answers began to come in the next day. At first it was rare fun reading them. Then it got a little monotonous. Then the pigeon holes began to get filled up. That cow began to get dreary. The editor read letters about that cow all day, and dreamed of her all night. Life became a symphony of mathematical cows-or rather a dirge of algebraical calves. It became a matter of life or death to

answer that problem. First he tackled his brother editors. The man who sling eth and archeth gave one glance at the problem, and gently murmured: "I don't think I heif-er head for mathe

ematics." This staggered the conundrum editor so that he didn't dare approach another man in the office. He took the puzzle home, and mercilessly set his family at work upon it.

The next night tears and reproaches me him. Every scrap of note paper in the the Chicago merchant saw that it must house had been used, and columns of figures covered even the walls.

The editor waxed fierce, and once more attacked that problem himself. He first tried to prove that no cow ever lived twenty years. Vain hope! Then he argued that no such cow ever lived, and by a priori reasoning he succeeded in convincing himself that no sane farmer would let such a disgracefully prolific cow live.

But still that "suppose" stared him in the face. Then he manfully set all quibbles aside, and began to wrestle. He wrestled as did Jacob with the angel-all was a big wedding in the mansion. There night. Victory was his reward, and towas a big handful of Chicago guests, who day he triumphantly declares that at the end of twenty one years, that farme

The various answers sent in, vary. In fact, they differ. They range all the way from 64 to 11,046. The man who said it presumably, in her Chicago home; but the | was 64, sent a postal card, later, saying he had forgotten the old cow. That merely shows the intense interest the old cow has excited. El Mahdi is nowhere, beside the cow. O'D movan Rossa, and Mrs. Don'tvou-try-to-pronounce-it Dudley, are side

issues, compared to the issue of that cow. The popular feeling is well expressed in the brief comment attached to the biggest

answer: "Kill that cow man, he spoiled my sheep."

It is even whispered by the elect that a chosen band of dynamiters have started for Connecticut. The conundrum editor has subscribed liberally toward paying their expenses. And he says he will shoot waltz on the tips of her uncorned toes as on the spot any man who ever says anything to him about a cow again .- Boston Globe.

Bill Nye as an Agriculturglist. During the past season I was considerably interested in agriculture. I met with some success, but not enough to madden me with joy. It takes a good deal of success to unscrew my reason and make it totter on its throne. I've had trouble with my liver, and various other abnormal organs, but old reason sits there on

his or her throne, as the case may bethrough it all. Agriculture has a charm about it which I cannot adequately describe. Every proa dainty girl to be caught at, anyhow; and duct of the farm is furnished by nature if she be dressed in the gauzy tulle of a with something that loves it, so that it society debutante, with the sweet purity | will never be neglected. The grain crop of sixteen years expressed in a beautiful is loved by the weevil, the Hessian fly, and face, and altogether a suggestion that she the clinch bug; the watermelon, the never ejaculated "Darn it!" in all her squash and the cucumber are loved by the life, the test is more perilous. Mabel is squash bug: the potato is loved by the pojust such a creature. I sat across the tato bug; the sweet corn is loved by the table from her at Mrs. Bradley Martin's ant, thou sluggard; the tomato is loved by great ball. No matter how hungry she the cut-worm; the plum is loved by the may have been, she resolved to forego curculio, and so forth, and so forth, so the gratification of her appetite and sup that no plant that grows need be a wallon such refined things as a glass of cham- flower. [Early blooming and extremely dwarf loke for the table. Plant as soon as some of the goose-liver pie, but her there is no danger of frosts in drills four lips said that the thought of it fairly inches apart, When ripe, pull it, and eat

her pouting question was how could Well, I began early to spade up my Adolphus suppose that she could swallow angle-worms and other pets, to see if they the horrid blood-red flesh. So she sipped had withstood the severe winter. I found And now after 4,000 years, an attempt is they had. They were unusually bright made to show that the glorious baldha It was evident that she had rehearsed and cheerful. The potato bugs were a liton the orange and felt confident that she | tle sluggish at first, but as the spring opencould slide it down her throat without ed and the ground warmed up they pitch splatter, slobber or muss. She first took | ed right in, and did first-rate. Every one it carelessly between the tips of her small of my bugs in May looked splendidly. I

of eating it involved no special effort at Away along in April I had not seen a cut grace. Next she laid it on her plate and worm, and I began to fear they had suffered, and perhaps perished, in the extreme cold of the previous winter.

One morning late in the month, however. I saw a cut-worm come out from be. This freed the latter until it lay almost hind a cabbage stump and take off his ear disconnected on the peel. The fruit had muff. He was a little stiff in the joints. been chilled in a refrigerator until it was but he had not lost hope. I saw at once as cold as a chunk of ice. At the instant now was the time to assist him if I had a when her refreshment from the cold, cold spark of humanity left. I searched every work I could find on agriculture to find aster intervened. A gentle repartee had out what it was that farmers fed their just been emitted from her lips, and they blamed cut worms, but all scientists seemed to be silent. I read the agricultural reports, the dictionary, and the encyclopædia, but they didn't throw any light on quarter of orange did not slip into her the subject. I got wild. I feared that I the young lady had also made the tour, had brought but one cut-worm through but some year or so ago. of her dress. If a piece of ice had slid the winter, and I was liable to lose him unless I could find out what to feed him. I asked some of my neighbors, but they spoke jeeringly and sarcastically. I know now how it was. All their cut-worms had bear to see me get ahead.

mon cut-worms, early Swedish cut-worms, thought, a little hide bound and bilious They acted languid and listless. As my squash bugs, current worms, potato bugs, etc., were all doing well without care, I devoted myself almost exclusively to my cut-worms. They were all strong and well, but they seemed melancholy with nothing to eat day after day, but cabbages,

I therefore bought five dozen tomato plants that were tender and large. These I fed to the cut-worms at the rate of eight to ten in one night. In a week the cutworms had thrown off that air of ennu; and languor that I had formerly noticed, and were gay and light-hearted. I got them some more tomato plants, and then some more cabbage for change. On the whole I was as proud as any young farmer who has made a success of anything. One morning I noticed that a cabbage

plant was left standing unchanged. The next day it was still there. I was thunder struck. I dug into the ground. My cutworms were gone. I spaded up the whole patch, but there wasn't one. Just as I had become attached to them, and they had learned to look forward each day to my coming, when they would almost come up and eat a tomato plant out of my hand. some one had robbed me of them. I was almost wild with despair and grief. Suddenly something tumbled over my foot. It was mostly stomach, but it had feet on one corner. A neighbor said it was a warty toad. He had eaten up my sumcunning little cut-worms. I tell you, genmon toad, with a sallow complexion and no intellect, can swallow up my summer's work, it is time to pause.

of the Phrase.

Fortunately the Sanskrit gives us aclue to the meaning of what is now, in its | the harm?" English dress, an utterly meaningless ques tion. In the Bhagat-Veda, which is, with perhaps two exceptions, the oldest book in the world, and which deserves translation at least as much as the better known Rig Veda, occurs the question, "Hva karisankya baldha pathan?" or "Who strikes the sun." That baldha pathan is a personification of the sun is conceded by nearly all Sanskrit schools, although Max Muller maintains that at the time the Bhagat-Veda was written baldha pathan included all nature, and that not until a later period was i's meaning restricted so that it became merely one of the names of the sun god. In this opinion, however, Muller stands nearly alone, and that the baldna pathan of the Buagat-Veda is synonymous with th Scandinavian Baldar is the opinion of the great majority of the leading Sanskrit scholars.

To the ancient Aryan seeking to grasp the meaning of the universe, that wonderful phenomenon, an eclipse of the sun was one of intense interest. When the "Bhagat-Veua" asks, "Hva karisankya baldha pathan?" it answers the question by sugesting a theory of eclipses. It is needless to set forth that theory here, for it would be of interest only to the students of Aryan mythology. It, however, is sufficient to show that the Aryans believed that an eclipse is caused by something striking the sun. The question, 'Who strikes the sun?" was therefore equivalent to the question. "Whates the cause of a solar eclipse?" The mysterious nature of this phenomenon took a strong hold upon the Aryan imagination. The "Bhagat-Veda" evidently did not satisfactorily explain it, and we find the question, "Who strikes the sun?" in later Sanskrit, Hindu and the Hindustani literature used to express the idea of an insoluble mystery. Evidently it passed into the common speech of the people, and was carried by wandering tribes to Europe and wherever the restless Aryan race penetra

"Billy Patterson" is beyond doubt only a corrupted form of baldha pathan. The question "Who struck Billy Patterson?" is virtually the same that was asked ages ago in the "Bhagat-Veda." We have kept the form of words more or less ac curately, but have forgotten the meaning. pathan, the magnificent sun god of the glowing Indian continent, was a prosaic person, living until a few years ago, in Baltimore. Was ever the poetic mythol. ogy of the far east more stupidly and imA Bath at Bombay.

The head waiter at my hotel kindly seated me for dinner this evening at a table at which sat an elderly gentleman, an elderly lady and two young ladies, one of whom was particularly bright. The elderly lady was evidently the wife of the gentleman, from the fact that he paid her little or no attention, but was more than interested in the bright young one afore-

said. I was sorry that I did not get to the dining room sooner, as they were ordering dessert while I was ordering soup, for I should have been overly pleased to have heard more of the conver. sation. The gentleman had evidently just landed from a tour around the world, and I am always more than interested in nearing the details of incidents of travel,

and when the young lady asked the gentleman if he bathed while in Bombay I opened my ear valves for whatever might frozen down last winter and they couldn't be said. He answered that he did, and asked, "Did you?" She laughed and said All at once, an idea struck me. I "yes," and continued: "When we ar haven't recovered from the concussion rived at Bombay I signified my wish to yet. It was this: the worm had wintered take a bath, and I was informed that I under a cabbage stalk; no doubt he was would be accommodated in my room. As fond of its beverage. I acted upon this I had particularly noticed that there were thought and bought him two dozen red no bathing facilities in my apartments I cabbage plants, at fifty cents a dozen. I was at a loss to know how I was to be achad hit it the first pop. He was passion- commodated, but returned to my room, ately fond of these plants, and would eat and in a few moments thereafter two three in one night. He also had several men servants entered, one with a barrel matinees and sour kraut lawn festivals and the other with two buckets of water for his friends, and in a week I bought The barrel was suspended in the middle of three dozen more cabbage plants. By this the room and they proceeded to fill the time I had collected a large group of com- barrel about two-thirds full of water, then placing two chairs beside this bathdwarf Hubbard cut-worms, and Shorthorn tub left the room. One chair was to be cut-worms, all doing well, but still, I used in getting into the barrel, the other I'm afeared that he'll be awful thin in some was to be put into the barrel when I want- places." ed to get out. Turning to the other ladies. she continued by saying: "You can't imagine how nice it vas."-Keck's Man hattan Beach Letter.

> That feeling of extreme debility is entirely overcome by Hood's Sarsaparilla. "I was tired all over, but Hood's Sarsaparilla gave me new life and strength," says a Pawtucket, R. I., lady. Hood's Sarsaparilla is sold by all druggists. \$1 a bottle, or six bottles for \$5. ----

VARIETIES.

Ir was in an East Boston ferry horse car. She was slight, delicate and standing up. He weighed over two hundred pounds and was sitting in the corner by the rear door. Sudden ly he jumped from his seat to ask the conductor a question. She (innocent, unthinking creature) thought he meant to leave the car and so she slid into the seat he had just vaca ted. Soon he concluded the interview with the conductor, and began to slide back into his seat again. The little woman saw the proportions of the bulky form gradually assume frightful magnitude and a very alarming prox imity.

Quickly digging her elbows into the ribs of her neighbor, whose head and beard looked like a bundle of saffron, she interested him sufficiently in the jeopardy of her situation to off" the settling monster. Words cannot picture the look of horror on the man's face when he received a vigorous thrust in the small of his back, and turned and saw this mer's work! He had swallowed up my little wee woman in his seat. "Great Scott, ma'am! Yer a pretty hard hitter, ain't yer? tle reader, unless this warty toad can be I ain't had such a clip as that since I was wiped out, I for one shall re'inquish the struck by a ice float. Oh, don't move, ma'am; joys of agricultural pursuits. When a com. be just as easy as yer can. Fou've ev'ry point in yer favor."

No DANGER .- Mr. Minks: "My dear, you should not put coins in your mouth, for dis eases are often caught in that way. I noticed Who Struck Billy Patterson? The yesterday that while you were looking through Sanskrit Gives a Clue to the Origin your pocket-book for small change to give the

Mrs. Minks: "Well, suppose I did; where's "You should read the papers, Mrs. Minks. Scientists have discovered bacteria on silver coins. Do you know what terrible things bacteria are?"

" Not exactly, no." "Why, they are little animals which get into the human system and cause all sorts of diseases."

"Is that all? Well, then, I am in no danger from the money you give me." "And why not, pray?"

"You always squeeze a quarter hard enough to crush all animal life out of it before you part with it."-Phila. Call.

HISTORY AS SHE IS REMEMBERED .- A welldressed couple at an elevated road station were gazing at the picture of John Brown going to his execution, which appears in a double page of Harper's Weekly, and is prominently displayed everywhere. The lady looked at the caption and inquired:

"Brown? John Brown? What was he executed for? Who was be? "Some murderer or other, I guess!" was the response of her male companion as they turnl to take a train.

ONE of the duties of Judson Macumber, an intelligent colored man employed in the Austin postoffice, is to cut a daily supply of kindling wood for the stoves in the building. A few days ago the supply was short. "Why don't you chop up two or three days' supply of kindling wood, so we can always have some on hand?" asked Colonel DeGress, the postmaster. "No, sah, I don't cut up kindlin' for de day ahead. We are liable to hab our heads chopped off any minute, and I don't hab no kindlin' wood in the cellar for de Democratic niggah what gits my place."

"MARY, I want a messenger to send down town," said a lady to her maid; "the sales lady has sent me the wrong bundle, and I want to inform the forelady of her carelessness. Is

His Lordship-"I hear you are dissatisfied with that hack I bought last week, William The man who sold him to me told me he took imber splendidly; and as for temper, he said the horse had been driven by a lady." Head Groom-" Well, my lord, he certainly do take imber. I put him at three gates this mornin' and he took the top bar off every one of 'em; an' as for bein' driven by a lady, as a married man your Lordship must know that's the worst thing hout for the temper."

fingers, toying with it as though the task was most worried about my cut-worms. pudently translated into American prose? window that he was undressed, and as they; the vigor and loveliness of youth.

were probably in a hurry on account of a threatening storm, if not for other reasons, he would marry them where they stood. He pu the necessary preliminary questions and the proceeded:

"Under this window in stormy weather, I marry this man and woman together; Let none but Him who rules the thunder Put this man and woman asuncer."

THE Wisconsin poetess, Miss Ella Wheeler. has performed a pedestrian trick that is worth something. She has walked into matrimony on poetic feet and beaten the record. He husband fell in love with her lines, not her loveliness; he worshipped her book, not her beauty; he proposed to her genius, was accepted by her intellect, and wedded her wonerful powers of expression. They now beat in unison like two metaphors in one sentence

"SMITH, how is it that you always get such good bargains?" queried Jones. "Because wastaught from my infancy habits of thrift, patience and economy," replied Smith. . "My father was alwaysdrumming it into me to 'wait little while and you'll purchase cheaper. Why, even my mother used to sing, 'Bye-low baby,' before I could walk." Jones was perfeetly satisfied with the explanation.

"Isn't it provoking, Mrs. Nipup? My husband and I were going to the rink to-night and then I broke my skates this afternoon!" "I'll let you take mine, if you think they will fit, Mrs. Flipup."

"Oh, thanks, awfully! If they don't fit I can let my husband wear them, and I can get along with his. He has a real little foot for a A New Hampshire farmer when asked what

he thought of one of his neighbors who had just been elected President of the United States, replied: "Waal, up here, where he knows everybody, and everybody knows him he's considerable of a fellow, but come to spread him out over the whole United States,

COURT (to prosecutor)-"Then you recognize the handkerchief as the one which was stolen from you?" Prosecutor—"Yes, Your Honor." Court-" And yet it isn't the only handkerchief of the sort in the world. See, one I have in my pocket is exactly like it." Prosecutor-"Very likely, Your Honor; I had

As they were trudging along to school a five year old Boston miss said to her companion, a lad of six summers: "Were you afrightened at the contiguity of a rodent?" "Nay, for sooth," he replied; "I fear not the juxtaposition of the creature, but dislike its alarming tendency to an intimate propinquity."

Chaft.

The married woman's sphere-A ball of

What is it that is always kept perfectly dry, lthough there is a running spring in it all the ime?—A watch.

"A ring around the moon is a sign of bad weather." A ring around the eye is generally a sign of a squall.

It is no sign that a man has attained to a ripe old age simply because he goes home mellow every night.

A barrister once quoted Shakespeare's well known line, "A deed without a name." The judge interposed: "Void, on the face of it." "Whistlers are always good natured," says a philosopher. Every one knew that. It's the olks that have to listen to the whistling that get ugly.

The Boston Globe says: "When you start out this morning resolve to smile." This indicates how long New Year's resolutions last in Boston.

Sitting Bull goes to the theatre and is clean gone on the ballet. He is a rough-and-tumble old warrior, he says, and admires such a thriling combination of extreme old age and agility Maude Howe tells in a Boston paper how when the "Star Spangled Banner" was played at the New Orleans Exposition, men, women and children "cried real tears 'We shouldn't wonder. We know those Southern brass

bands. yesterday that while you were looking through your pocket-book for small change to give the street-car conductor, you placed a quarter between your lips and held it there."

A little Scotch boy, on his being rescued by a bystander from the dock into which he had fallen, expressed great gratitude, saying: "I so glad you got me oot. What a lickin' I wad have got frae me mither if I had been

Mme. Patti wrote in a Boston album the other day:—"Go to strangers for charity, acquaintances for advice, and to relatives for nothing, and you will always have a supply "The sweet singer probably speaks from experience.

In the year 2500, Joseph Cook says, the population of this country will be 3,200,000,000. Those who contemplate going to the circus in that year will do well to buy tickets at the down town office, and avoid a rush at the warron. the wagon.

"Why, Allie, dear, is that the way to begin your dinner?" asked her mother of her little daughter, as she began with the pie instead of the bread and butter. "Well, I declare, mam-ma, I was going to eat my dinner up side down, wasn't I?

"Walter, hand me that William," said a tramp, seated in a restaurant. "Who's dat, sah?" asked the dusky waiter, with a puzzled look. "That William—that 'ere card," pointing. "Oh, de bill ob fare, sah?" "Yes, that's it, only I'm not familiar enough with it to call it Bill."

A dentist at Triangle, New York, once received an order for a block of teeth, as follows: "My mouth is three inches across, five-eighth inches through the jaw; sum humocky on the edge; shaped like a horse shoe, toe forward. If you want me to be more particklar I shel hav to cum thar. Yourstruly—."

"If you could get whatever you wished, what would you wish for?" was asked on Christmas day of a little girl who had just finished her plum pudding. She eyed the remnants of the feast reflectively for a moment and then replied, decisively: "I'd just wish that I could be very hungry again."

Dull Tourist—Can you tell me why our Am erican inn-keepers always put pink muslic over their pictures? Wit—Very easily explained. The production of our chromo manufac turers are so exceedingly natural that we are obliged to take some means to prevent the mosquiroes from biting them, and tone down their blushes.

A Western paper says: "A California farmer was fined \$10 and costs for knocking his hired man down with a bunch of grapes weighing ten pounds." As the inventor of the item has not been arrested up to the hour of going to press this only goes to show how much safer it is to lie about grapes than to go to California and raise them.

inform the forelady of her carelessness. Is there any one disengaged?"

"I think not, ma'am; the chamber lady is busy with her rooms, and the kitchen lady fas visitors, her mother, the washer lady, and her cousin, the ash gentleman, having called. But perhips the foot gentleman or the coach gentleman is disengaged. I will see."

"If you do not at once remit the \$100 you we to our firm," wrote a dun the other day to a delinquent debtor, "we shall be obliged to ut the bill into the hands of a lawyer for collection." "My dear sir," replied the client urbanely, by the next post, "if you are happily acquainted with a lawyer who is able to collect \$100 you

Hale's Honey the great Cough cure, 25c., 50c. & \$1. Clenn's Sulphur Soap heals & beautifies, 25c. GermanCorn Remover kills Corns & Bunions Hill's Hair and Whisker Dye—Black and Brown, 50c. Pike's Toothache Drops cure in 1 Minute, 25c Dean's Rheumatic Pills are a sure cure, 50c.

A Deceived Woman

Is the lady who uses cometics, face lotions white lead, bismuth, powders, arsenic, &c., in the belief of enriching and beautifying the THE celebrated wit, Dean Swift, after he had complexion. It is but temporary, and ultimate. gone to bed one night was called up by a run- ly destroys the skin beyond the power of na away couple, who wished to be married. He ture to restore. Stop it! Stop it now and use away couple, who wished to be married. He ture to restore. Stop it! Stop it now and use told them as he leaned from his upper chamber only Dr. Harter's Iron Tonic, which imparts

MARYLAND FARMS—BOOK AND MAP free, C. E. SHANAHAN, Att'y, Easton, Md.

NEW ADVERTISEMENTS

THE WONDER

Is becoming universal as to how such an immense sale could be created in Lowell for HOOD'S SARSAPARILLA. But, my friend, If you could stand behind our counter a week and hear what those say who are using it. the reason would appear as clear as th noon-day sun. The real curative power of HOOD'S SARSAPARILLA demonstrates itself in every case where our directions are faithfully regarded. We would that we might get before the people a fractional part of the confidence that is expressed to us every day in this medicine by those who have carefully noted (without prejudice) its effects upon the blood and through that upon the whole system, stimulating all the functions of the body to perform the duties nature requires of them. Try a bottle and satisfy yourself.

Cold Hands and Feet.

Cold Hands and Feet.

Nessrs. C. I. Hood & Co.: Gentlemen—About one year ago my daughter commenced taking your Sarsaparilla. At that time she had very little appetite; could take no long walks, and her face was badly broken out with a humor. She was low-spirited; troubled with cold hands and feet; her blood seemed to be poor, and she was in a condition which caused us great anxiety. After taking one bottle of your Sarsaparilla she began to improve; and she now has a good appetite and can take much longer walks. Her humor is nothing compared with what it was one year ago. She is in better spirits, is not troubled with cold hands and feet as previously. And I attribute this improvement in her condition largely to your Sarsaparilla. She has taken six bottles, and intends to continue its use. I was inclined to oppose the trial of it at first. I now have great faith in it as a blood purifier.

Very truly yours.

No. 264 Broadway, Lowell, Mass.

Hood's Sarsaparilla. Sold by all druggists. Price \$1; or six for \$5. Prepared by C. I. HOOD & CO., Apothecaries, Lowell, Mass.

"I owe no Restoration to Health and Beauty to the

CUTICURA REMEDIES. DISFEGURING Humors, Humiliating Eruptions Itching Tortures. Scrofula, Salt Rheum, and In-fantile Humors cured by CUTICURA REMEDIES. CUTICURA REMEDIES are accolately pure and the only infallible Blood Purifiers and Skin Beau-tifiers.

differs.

CUTICUTA RESOLVENT, the new blood purifier, cleaness the blood and perspiration of impurities and poisonous elements, and thus removes the

CUTICURA, the great Skin Cure, instantly allays Itching and Inflammation, clears the 'kin and Scalp, heals Ulcers and Sores, and restores the Hair.

CUTICURA SOAP, an exquisite Skiu Beautifler and Tollet Requisite, prepared from CUTICURA, is indispensable in treating Skin Diseases, Baby Humors, Skin Blemishes, Chapped and Oily Skin.

Sold everywhere. Price: CUTICURA, 50c.; Rasolvent, \$1; SOAP, 25c. Prepared by the POTTER DRUG AND CREMICAL CO, BOSTON, MASS.



We heartly endorse the R. L. Spencer Co. to each and wery one.—Ed. Sunday Globe, Hartford, Conn.



Sold by Grocers everywhere. W. BAKER & CO., Dorchester, Mass.



FOR SHAVING.

The Genuine Tankee Soap,
Has never been equaled irrthe richness and permanence of its lather.
Especially adapted for heavy beards and a delicate skim. Standard forquality in the U. S. Navy.
Has been counterfeited more than any other soap in the world. Notice the engraving and avoid imitations. ALL DRUGGISTS KEEP IT. Trial Sample for 12 Cent.
THE J. B. WILLIAMS CO., Glastonbury, Conn.
Formerly WILLIAMS & BROS., Manchester, 1840.



Is CHEAP, STRONG, easy to apply, does not rust or rattle. Is also A SUBSTITUTE FOR PLASTER, at Half the Cost; cutlests the building. CARPETS AND RUGS of same, double the wear of oil cloths, Catalogue and samples, rec. W. H. FAY & CO., Camden, N.J. 13-31 au4-61

orsements and testimonials, sent for 6 cents in stam ecurely scaled. Letters inviolably confidentially, MENBY H. KANE, 19 E. 14th St., New Yor mr10:13t

LEONARD'S PATENT SPECIE PACKET FOR SENDING COINS SECURELY BY MAIL. Holding any fraction of a dollar; coins can't lose ont; its any envelope. Wanted in every house Send 10c for sample dozen post-paid. C. H. LBONARD, 89 Miami Ave., Detroit, Mich

Bro. Jonathan's Jokes

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NEW ADVERTISEMENTS.

Mortgage made and executed on the twenty-fourth day of May, in the year of our Lord one thousand eight hundred and eixty-nine, by Isabella Dixon, of the township of Dearborn, County of Wayne and State of Mirthgan, party of the same place, party of the second part, and recorded in the office of the Register of Deeds for Wayne County on the twenty-fifth day of May, A. D. 1869, in liber 61 of Mortgages, on page 494; by virtue of whice said default the power of sale in said mortgage contained has become operative, and whereas there is claimed to be due and payable, at the date of this notice, upon said mortgage and note accompaning the same, for principal and interest the sum of two hundred and sixty-two doll are and twenty cents (\$262 20), and no suit or proceedings having been instituted at law to recover the debt or any part thereof secured by said mortgage now therefore, notice is hereby given that by virtue of the power of sale c-nained in sa'd mortgage, and of the statutes of the S ate of Michigan, in such cases made and provi led, the bidersigned will sell at public auction to the highest bidder on Monday, the fourteenth day of May, A. D. 1885, at twelve o'clock noon of said day, at the easterly front door of the City Hall, in the Cry of Detroit, in said Wayne County, (which is the place of holding the Circuit Court', r said County), the premises described in said mortgage, or sufficient thereon and the osts and expenses of such sale allowed by law; said premises being described in said mortgage, as outh sale allowed by law; said premises being described in said mortgage as follows, to wit: All that certain piece or parcel of land lying and being in the village of Dearborn, and dwelling house thereon, according to plat recorded in Register of Decas office in said County, and County and State of Michigan, known and described as follows, to wit: All that certain piece or parcel of land lying and being in the village of Dearborn, and dwelling house thereon, according to plat recorded in Register of Decas office MORTGAGE SALE.-Whereas, default

Attorney for Mortgagee.

DEFAULT having been made in the conditions of a mortgage dated July 11th, 1884, given by William Millar and Robert Millar to William P. Atkinson, attorney for Farrington & Co., which mortgage was recorded in the Register's office for wayne County, Michigan, on July 11th, 1884, in liber 199 of Mortgages on page 223, and there being now due thereon by reason of, said default the sum of four hundred and fourteen dollars (\$414) I hereby give notice that by virtue of the nower of sale in said mortgage 1 shall on the 25th day of April, 1885, at one o'clock P. M., at the Griswold Kreet entrance to the City Hall in Detroit, in said County, (that being the place for holding the Circuit Court for said County), sell at public auction the premises described in said mortgage, viz: Lots two (2) and five 5) of subdivision o' lot five (5) and lot eight (8) of the subdivision o' lot five (5) and lot eight (8) of the subdivision of lots one, two, three and four of Wesson's section of the Labroses and Baker Farm, on the north side of and fronting on Millar street, between Sixth and Seventh streets, in Detroit, in said County.

MILLIAM F. a 'KINSON, Attorney, &c., Mortgagee.

Dated Detroit, January 23d. 1885.

Dated Detroit, January 23d. 1885.

A T a session of the Circuit Court for the County of Wayne in Chancery convends and held at the Circuit Court room in the city of Detroit, on the 4th day of February, in the year one thousand eight hundred and eighty five. Present: F. H. Chambers, Circuit Judge. Louise Barnes, Complainant, vs Frank T. Barnes, Defendant, In tuls cause it appearing by affidivit that the process for the appearance of said defeadant, Frank T Barnes, has been duly issued and that the same could not be served by reason of his absence from, or concealment within, this State, and by reason of his continued absence from his place of residence. On motion of James J. Athioson, solicitor for complainant, it is ordered that the defendant, Frank T. Barnes, appear in this cause and answer the complaint field therein on or before May 5th, 1885.

JAMES J. ATKINSON,
Solicitor for Complainant. field

Solicitor for (omplainant.

CTATE OF MICHIGAN, 88.

County of Wayne,

At a session of the Probate Court for said County of Wayne, held at the Probate Office, in the city of Detroit, on the twenty-sixth day of Februar, in the year one thou-and eight hundred and eighty-five: Present, Bdgar O. Durfee, Judge of Probate. In the matter of the estate of Edward P Earl, deceased. On reading and fling the petition of william S. Earl, praying that administration of said es ate may be graved to Columbus Tuttle, or some other suitable person: It is ordered that Tuesday, the twenty-fourth day of March next, at ten o'clock in the forencon, at said Probate Office, be appointed for hearing said petition. And it is further ordered that a copy of this order be published three successive weeks previous to said day of hearing, in the Michigan Farmer, a newscaper printed and circulating in said County of Wayne

EDGAR O. DURFEE,

A true copy.

HOWER A. FLINT, Register.

23.2



CONSUMPTION





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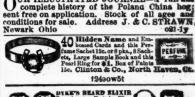
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(Continued from first page.)

careful training, made a trotter, or form and blood are not truly signs of it. She has been stinted to John White's Tom Gooding, who trotted as a three year old in 2:40. For more than ten years the Shorthorns have grazed in summer in the rich pastures of this farm, and have been winter-quartered in the warm barns; the females have filled pails with rich milk.

The part of the intelligent farmers in this locality is Albert Davis, who owns a good farm, rents it, lives quite independent, and has plenty of time and a disposition to enjoy life, and visit with a newspaper reporter, if he has no blooded stock to show him.

L. W. Fitch, of this town, commenced the breeding of Cheshires about two years of the page regularly produced from good sires their like. Much of the increase has been sold to other parties, thus laying the founda-tion of other herds; but still more than fifteen remain on the farm yet. The bull at the head of the herd was purchased from Wm. & Alex. McPherson of Howell, was bred by J. C. G. Hamilton of Ken-tucky, is called "Barrington Phyllis's Duke" red with white star is two year (37624), out of 5th Duchess of Phylissia by 2d Cambridge Rose Duke (22295), running to imp. Young Phyllis by Fairfax (1023).

The seven year old Lucy Wicker (1023). 2d Cambridge Rose Duke (22295), running to imp. Young Phyllis by Fairfax (1023). The seven year old Lucy Wicken is out of Lucy 12th by Oxford Duke of Athol 5055, traces to imp. White Rose by Publicola 1348, was got by imp. Duke of Wicken, he tracing to Cherry Duke 25252, and 2nd Duke of Geneva (21591). Of his produce we see the three year old Lucy Argyle 27530, a yearling heifer by Waterloo Duke 34072, and a heifer calf by side by same sire. The three year old Young Mary was got by Prince of Argyle 27530, out of Viola 7th by 2nd Duke of Hillsdale 9863, 8th dam imported Mary Whittaker by His Highness (2125). Her produce is a bull calf by Red Scarsdale 44772, running to imported Straw berry by Wiseman 5267; also has bull calf by side by Barrington Phyllis Duke. Lucy Argyle 2d has a bull calf by Phyllis Duke by her side. Lillie Belle Beach is two years old, is out of Lucy Wicken by Waterloo Duke, and has a bull calf by Payllis Duke. The herd is in good condition, and with the adaptability of this farm for stock we hope at our next visit to find the herd greatly increased in of this farm for stock we hope at our nex visit to find the herd greatly increased in Close by is the 200-acre farm of Frank

E. Smith. The land is good but not nearly as heavy as Mr. Beach's, still is very productive, yielding largely in eorn. Our productive, yielding largely in corn. Our reception, although at a late hour, was apparently a very welcome one. We find in the morning that the buildings are good and their owner an enterprising, energetic young farmer. Careful attention is given to the housing of agricultural is given to the housing of agricultural implements, and a systematic working of is given to the housing of agricultural implements, and a systematic working of the farm, upon which the present owner was born, it having been taken up from the government by his father many years ago. In stock we see a fine pair of grade working oxen of large size, a good lot of grade cattle, and a small herd of thoroughbred Shorthorns. The two year old bull Royal Prince was bred by Charles Fishbeck; got by Prince Royal 2d 36626, out of Rose of Lakeside by Rambler 27599, tracing to imported Victoria by Swiss Boy 12164, is of fair size, well filled out, and is a good stock getter. The six year old Maud was bred on the farm, was got by Oxford Argyle 22534, out of Marion by Roan Major 18182, and is also a Victoria. Marion Belle is one of her calves, is two years old and got by 2d Duke of Kirklevington 26276. Livingston Belle was bred on the farm, got by Prince of Argyle 27530, out of Flora Livingston by Oxford Argyle 20534, tracing to Gipsey by Locomotive 645. Kitty Clover is a three year old, was bred by Thomas Birkett, got by 2d Duke of Kirklevington 26276, out of Kitty Clover 14th by imported General Napier (26239), 11th dam imported Rovemary by Flash (261). She has a fine heifer calf by Royal Prince. He tells us Shorthorns are his favorite stock, and he is in their breeding to stay. He a nne nener can by Royal Frince. He tells us Shorthorns are his favorite stock, and he is in their breeding to stay. He showed us a pair of good draft mares and a pair of bay colts that are right good ones, one by Mambrino Gift, Jr., the other by Pasacas.

W. K. Sexton was at home to your "special" and made him feel the same, and again we had an enjoyable visit, and and again we had an enjoyable visit, and the pleasure of seeing again his splendid herd of Holsteins, now numbering forty head, although his sales have been large this season. They are all in fine condi-tion, while the last September's importa-tion of eleven heifers has added materially to the value of his already valuable herd. They were selected with a great days. The dams of the calves showed 89 and 90½ lbs. of milk, and 20½ and 19 lbs.

As the name of W. W. McDowell, of McHight Farmer, The question is, can breeder of high class poultry, land and water fowls, accompanied by Mr. L. K. Beach, who had so kindly driven us many miles, we made our next call on this age? Please answer through the many miles, we made our next call on him. We find him nicely fixed on a 160 him. We find him micely have acre farm, three miles from Howell, and much interested in the breeding of the stock he believes in advertising, and of the makes a specialty. For six which he makes a specialty. For six years Light Brahmas were his hobby, but two years ago other varieties were added, and on every side, turn which we may, we see coops or rather houses, filled with splendid specimens of them. As the doors are opened, the call made, food scattered, more than two hundred birds of handsome plumage and form are seen, all descended from choice stock, for the best obtainable have been purchased as a foundation. In the varieties we first notice the Light Brahmas, with we first notice the Light Brahmas, with cockerels at six months weighing 13 lbs., and pullets same age, 8 lbs. Here we are taken in hand by friend Beech, and our attention called to the Plymouth Rocks, the Langshans, Partridge-Cochins, Black Leghorns, Aylesbury and Rouen Ducks, Bronze Turkeys and Toulouse Geese, and always selecting the chainest and heat specimens, while their choicest and best specimens, while their enthusiastic breeder and owner discourses enthusiastic breeder and owner discounses to us of the noted breeders from whom he has purchased, viz., G. S. Joslyn, of Fredonia, N. Y.; G. H. Pugsley, Brant ford, Ont.; W. H. Todd, Vermilion, O.; C. W. Emerson, Hartford, Ct., and others; and tells us he has been an exhibitor at several prominent fairs and won many prizes, that he intends to continue the breeding of these varieties, and doesnt forget to show us a Bronze turkey, weighing at six months 25 lbs., and hens 18 lbs., and tells us that he raises ducks weighing eight pounds at four months, fatted and killed it at about a year old. Traised from the same dam and sire last Toulouse geese, rolling in their fat, and so plump that they would tempt any bon Our next point in the county was the

Our next point in the county was the town of Genoa, a portion of which was visited by us last summer. Here we met many of those we had visited at that time, and as they are old subscribers of the FARMER and prominent in their spheres of life, we gladly hailed the opportunity of renewal of old acquaintance. Wesley J. Garlock is still breeding Shropshire Downs, the mutton sheep of the day, has the only flock in Livingston Co., and rethe only flock in Livingston Co., and reports to us extensive sales. His stock ram Roderick Dhu is proving to be a remarkable one, getting good stock, shear-ing heavy, and maintaining his reputa-

A. K. & C. H. Tooley trotted their imported Percheron Harry Livingston out for us to look at again, during our brief call, and showed us some of his get that are very promising; in fact we have not seen, of the many of them in the county, a

farm, fine buildings, high grade cattle and sheep that are well kept and slick, and gets his Cheshire hogs from L. W. Fitch.

L. W. Fitch, of this town, commenced the breeding of Cheshires about two years ago, making the purchase of his breeding stock from F. H. Britt, Ridgeway. Orleans Co., N. Y. As this stock orignated by careful and judicious breeding in Jefferson Co., New York, (our old home), some twenty years ago, and as we believe in their worth to the farmers in this Stote we will briefly add our tribute to State, we will briefly add our tribute to their many desirable qualities. They are name, have plenty of vitality, are rapid growers, reaching desirable weights at about eight months, are pure white in color, well haired, thin skinned, with thin erect ears, broad straight backs, and heavy hams, and remarkable for sweet and tender fiesh. The females are splendid mothers, breeding civsely, and the stock combine size and uniformity of color. Mr. Fitch has fattened some of color. Mr. Fitch has fattened some of them of his own growing, to satisfy his neighbors of the excellence he claims for them. He informs us his sales have been large, and that his customers have in variably been pleased with them.
ON THE WING.

The Cultivation of Flax.

NORVELL, March 2, 1885.

To the Editor of the Michigan Farmer. I would like to make some inquirie through the columns of the FARMER, in regard to the cultivation of flax. Where can it be procured, and at what price, acre. Any information will be thank-Yours truly, fully received.

Flooring for a Hog Pen.

To the Editor of the Michigan Farmer I would say in answer to A. W. that the best flooring for a "hog house" that I have ever seen or heard of, and one that is durable, is to pave with small cobble stone, and cover with a cement composed of water lime and sand made rather thin, so as to fill all crevices. It is cheap A SUBSCRIBER. and durable.

Beterinary Bepartment

Conducted by Prof. Robert Jennings, late of Philadelphia, Pa., author of "The Horse and its Diseases," "Gattle and their Diseases," "Sheep, From and Poulitry" "Horse Training Made Basy," etc. Professional advice through the columns of this fournal to regular subscribers free. Partise destring information will be required to send their full name and address to the office of the FALMER. No questions will be answered by nati unless accompanied by a fee of one dollar. In order that correct information may be given the symptoms should be accurately described, how long standing, together with color and age of animal, and what treatment, if any, has been resorted s. Private address, 201 First Street, Detroit.

Pericarditis in an Ox, with Enlargement and Softening of the Heart.

ST. JOHNS, March 3, 1885.

Veterinary Editor Michigan Farmer. DEAR SIR:-I take this method of ask-DEAR SIR:—I take this method of asking your opinion of an ox that died last night. He weighed about 1,600 lbs., was red in color, and in good condition. About four weeks ago, while at work, he was taken with trembling and had much trouble in breathing. He was taken to the barn and a veterinary surgeon called, who pronounced it balls in the stomach. After two or three days he stopped the trembling, and eat as well as usual. I saw the animal about this time, and thought it was the heart that was affect. thought it was the heart that was affectdeal of care, and trace to families now well known in the world for their milking records, and are in call to the best sires. Among them are some of the of my yards, then he began to drag his

choicest to be found in the State, for the hind feet a little, and dropped dead in samples would sell at \$1 50@1 60. dams of the yearlings show records of less than a minute after getting in the 83, 86, 84, 88 and 884 lbs. milk per day, and 18 10-16, and 19 lbs. of butter in seven found all the vital organs in good health found all the vital organs in good health till I came to the heart; this was very days. The dams of the caives snowed 89 and 90\footnote{1} bis. of milk, and 20\footnote{1} and 10 lbs. large—15\footnote{1} bbs. The diaphragm, or butter records. One of the yearling heifers is an especially valuable one. The watery fluid, I should think there was a common pail full. I have boxed the heart. As the name of W. W. McDowell, of and sent it you by express, in care of the

FARMER, and oblige,

Answer .- The trouble with your ox was pericarditis, or inflammation of the sack surrounding the heart, complicated with enlargement and softening of that organ. The diaphragm is the muscular division dividing the chest from the abdomen. There was no cure for the animal. ' Hair balls are occasionally found in the stomach or intestines of all our domestic quadrupeds, causing indigestion, severe colics, and usually terminating in death. Medical agents are of no avail.

Rheumatic.

JERSEY, Mich., March 2, 1885

Veterinary Editor Michigan Farmer. DEAR SIR:-Will you please inform me through the FARMER what to do in the following cases: I have a roan Shorthorn heifer calf, ten days old; when it first gets \$1 15@1 20. up it will strike forward with one foot, then the other, for three or four foot, then the other, for three or four minutes; then walk or run, but you can see that it favors its forward parts. Two years ago the same dam and from the same sire, had a bull calf that was affected the same as this, and we tried rubbing its eyes thoroughly, and also rubbed well in down its legs dog's grease. One leg got better, the other so it could use it, but only a little. It grew vigorously, and we fatted and killed it at about a year old. I raised from the same dam and sire last

I have a 16 months old roan Shorthorn bull that has what I should call the piles.
About a week ago he got to straining until his bowels was out as large as two fists, being much inflamed and b I used a proper way and put it back; in a few minutes he had strained it out again. I again replaced it. I let him out in the yard for an hour, the had previously been tied up in the stable), and he has not strained so since. He has been out every day for a short time since. About six weeks ago he had an attack of straining until he panted, but did not protrude i but what it would go back itself. I gave him injections and he quieted down. He is quite costive since the last attack. I am giving him now a little oat meal.

JOHN LESSITER. Answer.-The symptoms as described indicate rheumatic trouble, a disease common in the bovine species. It is due in a single poor one.

J. W. Lawson is one of the tidiest great measure to exposure and wet, though farmers in the town, has a magnificent it sometimes occurs in the opposite condi-

tions. It is very frequently transmitted from parent to offspring by hereditary predisposition. We do not wish to be understood that the infirmities of the sire or dam are always transmitted to the offspring; but, the predisposition nevertheless exists, and may escape one generation to appear in the next. Many such examples are on record. One coming directly under our notice, was so well marked in the horse, as to claim our special attention, and upon investigation, it traced directly to the General Taylor stock, well-known in the City of Philadelphia, where he was owned, as well as in the southwestern and middle counties of New Jersey. The diseace in his case was fistula of the withers. A large proportion of his colts developed the disease before they were broken to harness. In one instance a mare owned in Princeton, New Jersey, foaled three colts by Gen. Taylor, all of which developed the disease before they were three years old. The sire never showed any indications of the disease, but his dam was incurably affected with it. The sire fell dead on the track of the Burlington County Agricultural Society, while trotting a stallion race about the year 1865 or 6. Whether the disease in your calves is hereditary or not we would advise the following as a very good remedy in such cases: Oil of turpentine, saturated with camphor, eight ounces; tincture of opium. four ounces; mix together. For use apply with hand friction. Or use Evinco Liniment, which is also an excellent application in such cases. Give internally the following: Sulphate magnesia, one pound; Jamaica ginger root, pulv., four ounces. Mix together and divide into what time to sow and how much per sixteen powders. Give one dissolved in tepid water once a day, but do not continue to purging. If your Shorthorn bu'll is troubled with piles, you had better get 601 head, against 822 last week. The market a competent veterinary surgeon to remove them by a surgical operation. If, however, it should be introsusception, or prorusion of the intestines, the parts should be carefully washed and then returned by grades. As high as \$4 50 was paid for feeders, gentle pressure with the fingers. If, however, the tumor is hard and swollen, so that it cannot be reduced, the application that it cannot be reduced, the application of ice water will sometimes contract it so The following were the closing it may be reduced with little trouble. If this course fail, call in a veterinary sur-

> may be necessary. COMMERCIAL.

DETROIT WHOLESALE MARKET.

geon to treat it. A surgical operation

Flour.—Receipts for the past week, 3,244 bbls. gainst 1,835 the previous week, and 6,264 bbls. for rresponding week last year. Shipments, 2,732 bbls. Trade has been a little more active the past eek, and values are stronger. Trade, however, is not up to a fair average for the season, and is far behind the record of last year. Quotations yesterday wereas follows:

 Michigan white wheat, choice
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 Michigan white wheat, roller process
 4
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 25
 05
 25
 05
 20
 50
 25
 26
 47
 75
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 42
 75
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 Wheat.-Cash wheat was in light demand yes-

terday, and values declired from Saturday's closing rates. No. 1 white closed at 87% c and No. 2 red at 86%c. In futures there was a stronger feel ing, and No. 1 white sold up to 8916c for April ce. livery, and 90% c for May; No. 2 red at 89% c for May delivery. Thirty-six cars of spot and 100,000 bu, of futures were sold.

Forn.—Market firm with a moderate movement

Rye.-No. 2 is quoted at 65c per bu., and is firm. Very little moving. Feed.-Bran, \$14 00 per ton. Middlings are teady at \$14 00@14 50 for coarse, and \$16@18 for

fine; corn and oats, \$18@19 per ton, Receipts are light and market firm. Corn-meal.-Quiet and steady at \$18@19 for

Buckwheat Flour.-State is sold at \$2 50 per 100 in bags. From farmers' wagons sales are made at \$2 15@2 25 per 100. Eastern is quoted at \$3 per Butter-Market dull, with large receipts and

stocks. For the best of the ordinary receipts of fresh made table butter dealers are offering 16c Low grade stock is quoted at 6@10c, and ordinary to fair at 121/2@14c. No creamery offering except from second hands, who ask 28@30c per lb. Cheese.-Market dull and weak. Full crean State is quoted at 13@13%c per lb., and favorite

brands bring 16c above these figures.

Rgg. Q toted at 21@22c per doz. for freth, d 17@18c for limed. Market firm for fresh Honey.-Market dull at 121/2013c per lb., the tter price for fine white comb. Strained, 10c. Beeswax .- Quoted steady at 35@38c # b in ock, and 30285c from first hands. Cranberries .- Very few in the market, and de-

and light. Quotations are \$4 50@4 75 per bushel

Clover Seed .- In light demand but steady. Sales made vesterday at \$4 80 for prime and \$4 70 for No. 2. At Toledo prime is quoted at \$4 85 oer bu., and No. 2 at \$4 75.

Dressed Hogs.-Few coming in; packers offer \$5 50, while retailers would pay 15@25c per 100

Potatoes .- A very fair shipping demand noted, and car loads are quoted at 37@38c for Early Rose. Small lots are selling at 42@45c. Receipts Dried Fruit.-Very quiet; apples, 3@31/c;

evaporated apples are firmer at 6@7c; peaches 9@12½c; pitted cherries, 15@16c; California plums, 15c; raspberries, 28c.
Onions.—Increased receipts have caused heavy decline. Red are quoted at \$1 00 per bu., and yellow at \$1 10@1 15.

Dressed Poultry .- Chickens are quoted at 1214 @18c per lb., turkeys dull a: 14@15c. Receipts are Baled Hay.-Firm, at \$12@13 per ton in car

oad lots on track; on dock \$13@14; baled straw Hops .- Nothing doing, and prices entirely nominal. Held at 16@20c in stere. Peas.-Very quiet; Wisconsin blue peas are offered at \$1 10@1 15.

Provisions.—Market very quiet, and barreled pork a shade lower; smoked meats unchanged; mess and dried beef quiet and steady. Quotations in this market are as follows:

Hay.-The following is a record of the sales a Monday—8 loads: Three at \$14; two at \$15 50; \$3 25. one at \$19 50, \$25 and \$17. Thursday—8 loads: Two at \$18 and \$15; one at \$18 5°, \$17, \$16 and \$13.

Wednesday—18 loads: Four at \$17; two at \$18 and \$10; one at \$20, \$19, \$18 50, \$15 and \$13.

Thursday—28 loads: Five at \$17 and \$16: three at \$1850 and \$18; two at \$16 50; one at \$20, \$19, \$15 50, \$15 and \$14 50.

Friday—42 loads: Eleven at \$16; seven at \$15; five at \$18; three at \$17 50, \$17 and \$11; two at \$16 50, \$14 50 and \$14; one at \$19, \$18 50, \$15 50 and \$13.

Saturday—8 loads: Four at \$18, one at \$19, \$18 Saturday—9 loads: Four at \$18; one at \$18 50, \$17, \$16, \$15 and \$13.

LIVE STOCK MARKETS.

[By telegraph.]

Below we give the latest reports of the live stock markets east and west for Monday, March 9th, 1885.

BUFFALO. - Cattle, receipts 255; demand active; prices steady. Sheep, receipts 3,600; market steady, with a fair demand; prices unchanged; Hogs, receipts 1,400; demand active, with prices a shade higher.

CHICAGO.-Cattle, receipts 3,600; shipments 1,200; market brisk; prices firmer. Hogs, receipts 8.000: shipments 4.000: market active and price 0 cents per hundred higher.

At the Michigan Central Yards. Saturday, March 7, 1885

The following were th	18 1	receipts	at these	yards
		No.	Sheep.	Hogs No.
Albion		. 71		
Battle Creek		. 20		10
Chelses			43	
Caro				
Clyde		. 7	50	
Dexter		. 21		
D., G. & M. R			373	9
Flint			113	
Greenville			10	
Grand Blanc				
Marshali			30	
Manchester			147	• • •
Metamora			***	
Mason			63	2
Nevi			* * * *	
Oxford		. 27	89	
Portland		. 20	16	1
Plymouth		. 11	98	
Rochester			28	
Thomas		. 18		
Williamston			37	
Ypsilanti			197	
Total	•••	601	1,289	14
. CAT	TL	E,		

The offerings of cattle at these yards numbered opened active at an advance of a strong 25 cents per hundred over the rates of last week, continued firm throughout and closed with all sold. Stoc kers and feeders were in special demand, an for these prices were even stronger than for other but these were cattle that in their present condition would class as good butchers' stock. It looks like a big price to pay for feeders, but the strange

QUOTATIONS:

Frazer sold Burt Spencer 9 good butchers' steers av 1,116 lbs at \$4 40; a stag weighing 1,310 lbs at \$3 50, and a choice ox weighing 1,880 lbs at 5. Rundel sold Burt Spencer 8 good oxen av 1,780 lbs at \$4.25, and 2 coarse ones av 1,385 lbs at \$3.10. Hall sold Sullivan 5 feeders av 832 lbs at \$4. Cornwell sold Loosemore a mixed lot of 5 head of coarse butchers' stock av 900 lbs at \$3. C Roe sold Shields 9 feeders av 1,055 lbs at \$4.0. Rundel sold Sullivan 4 feeders av 840 lbs at \$4.0. Roe sold Shields 8 feeders av 1,000 lbs at \$4.50.

14 50. Ramsey sold Burt Spencer 2 good oxen av 1,510 bs at \$4 12½; 3 feeders to Flieschman av 990 bs at \$4, and 2 cows av 955 bs at \$3 50.

C Roe sold Shields 10 feeders av 859 bs at \$4 10. White sold Switzer & Ackley 2 choice oxen av 1,925 bs at \$4 75, and 3 stockers to Sullivan av 850 beat \$4 75, and 3 stockers to Sullivan av 850

\$3 85. Nichols sold Flieschman 15 stockers and feeders Nichols sold Flieschman 15 stockers and feeders av 847 lbs at \$3 90.
Allen sold John Robinson a mixed lot of 18 head of fair butchers' stock av 874 lbs at \$3 70.
Merritt sold Burt Spencer 3 choice shipping steers av 1,380 lbs at \$5 25
Webster sold Sulivan 6 feeders av 1,170 lbs at

ster sold Sullivan 6 feeders av 1,170 lbs at

Allen sold Switzer & Ackiev 7 stockers av 800 lbs at \$375, and 4 fair oxen av 1,545 lbs at the same price.

Taylor sold Wreford & Beck a mixed lot 9 head of fair butchers' stock av 795 lbs at \$365.

Dewey sold Robinson 7 good butchers' steers and heifers av 864 lbs at \$415, and 5 fair ones av 720 lbs at \$390.

C Roe sold Wreford & Beck 24 good butchers' steers av 1,032 lbs at \$430.

Dewey sold Sullivan a mixed lot of 11 head of fair butchers' stock av 790 lbs at \$385.

Merritt sold Loosemore 2 fair butchers' steers and a coarse cow av 1,038 lbs at \$385.

Merritt sold Loosemore 2 fair butchers' steers and a coarse cow av 1,038 lbs at \$350.

Major sold Flieschman 9 feeders av 830 lbs at \$30, and 6 stockers av 810 lbs at \$350.

Ramsey sold Robinson a mixed lot of 8 head of thin butchers' stock av 910 lbs at \$35.

Shepard sold Shields 11 feeders av 909 lbs at \$4.

Devine sold Shields 11 feeders av 1,067 lbs at \$40, and 5 good butchers' heifers to Wreford & Beck av 1,121 lbs at \$450.

Gleason sold Burt Spencer 4 fair shipping steers av 1,350 ba at \$450.

C Roe sold Burt Spencer 4 fair shipping steers av 1,350 ba at \$350, and one weighing 610 lbs at \$325.

C Roe sold Burt Spencer 2 cutra shipping steers av 1,625 lbs at \$550; 4 oxen av 1,790 lbs at at \$350, and 2 bulls av 1,250 lbs at the same price. Gleason sold Caplis 7 fair butchers' steers and heifers av 970 lbs at \$390, and 2 feeders to Shields av 850 lbs at \$4.

Hall sold Wreford & Beck a mixed lot of 7 head of this butchers' to and at the same price, the steep at \$400 at \$40

heifers av 970 lbs at \$3 50, and a local lot of 7 head av 895 bbs at \$4.

Hall sold Wreford & Beck a mixed lot of 7 head of thin butchers' stock av 868 lbs at \$3 50, and 2 good oxen to Burt Spencer av 1,855 lbs at \$4 40.

Nott sold John Wreford 4 good butchers' heifers

The offerings of sheep numbered 1,289, agains 2,521 last week. There was but little demand for sheep here, and the bulk were shipped out in first ands. On the sales made prices averaged abou the same as those of last week. Cornwell sold Loosemore 49 av 76 lbs at \$2 75. McCafferty sold George Wreford 119 av 72 lb

Moore sold Loosemore 105 av 82 lbs at \$3 12½.

Moore sold Loosemore 105 av 82 lbs at \$3 12½.

Hall sold Wreford & Beck 84 av 80 lbs at \$2 80.

Clark sold Ludwig 102 av 90 lbs at \$3 50.

J P Hall sold Ludwig 66 av 78 lbs at \$3 45. The offerings of hogs numbered 142, against 341 last week. The market ruled active to the

extent of the supply, at prices about the same as last week.
C Roe sold Rauss 10 av 145 lbs at \$4 60. Ramsey sold Rauss 20 av 131 lbs at \$4 60.

Kalaher sold Rauss 20 av 131 lbs at \$4 60.

Kalaher sold Rauss 10 av 238 lbs at \$4 70.

McQuillan sold Rauss 10 av 165 lbs at \$4 60.

Chu ch sold Rauss 15 av 184 lbs at \$4 62½.

Sawyer sold Bigley 19 av 174 lbs at \$4 62½.

Chu ch sold Sullivan 21 pigs av 94 lbs at \$4 60.

King's Yards. Monday, March 9, 1885. CATTLE.

The market opened up at these yards with about 100 head of cattle on sale. The attendance of buyers was not as large as usual, but the sma supply made buyers anxious, and early in the day advance over those paid at the Central Yards or Sullivan sold Kraft a good butchers' steer

weighing 1,19) its at \$4 62/6.
Easter sold McGee 7 coarse cows av 1,064 lbs at \$3 25.
Mosher sold McGee a mixed lot of 5 head of coarse butchers' stock av 676 its at \$3 15.
Brown sold Sullivan 6 stockers av 590 lbs at \$3 25. \$3.25. Rundel sold Sullivan 3 stockers av '70 lbs at Case sold Sullivan 5 stockers av 761 lbs at \$3 60.

Smith sold Hersch 4 good butchers' heifers av 882 lbs at \$4 f.0, and a fair one to Oberhoff weigh-ing 1.160 lbs at \$4 25. Rundel sold Sullivan 4 fair butchers' steers av 1,025 lbs at \$4.25. Cox sold Sullivan 2 fair butchers' steers av 945 1,025 lbs at \$4 25.
Cox sold sullivan 2 fair butchers' steers av 945
lbs at \$4 25.
Smith sold Endriss 3 choice butchers' steers av
1,286 lbs at \$4 80, and 8 fair steers and heifers'
10 Kammon av 812 lbs at \$4 15.
Shook sold Endriss 2 bulls av 1,180 lbs at \$3 124.
Coss sold Svilivan 11 stockers av 776 lbs at \$3 125.
Mosher sold Billkofski 3 fair butchers' steers
av 1,00 lbs at \$4 15.

Mosher sold Billkofski 3 fair butchers' steers av 1,00 1 be at \$4 15.

Smith sold Marx 3 fair butchers' steers av 956 lbs at \$4 20, and 3 o H Roe av 920 lbs at \$3 90 Jennings sold John Robinson a mixed lot of 7 head of fair butchers' stock av 1,003 lbs at \$3 85.

Aldrich so.d Robinson 3 thin cows and a brill weighing 1,080 lbs at \$3 25, and a fair steer weighing 1,000 lbs at \$3 25.

Pickering sold Robinson 5 fair cows av 1,148 lbs at \$3 80.

t \$3 50. Mosher sold Sullivan 9 stockers av 624 lbs at

\$3.25. Seeley sold Kraft 2 fair butchers' steers av 1,000 lbs at \$4, and 5 to Marshick av 964 lbs at the same Oberhoff sold Genther 2 good butchers' steer av 1,130 lbs at \$4 50.

CATTLE-Receipts 9,688, against 9,486 the preious week. The market opened up on Monday with 100 car loads of cattle on sale. The attend nce of buyers was light and the quality of the supply was mainly common to med'um. Sales of 75@6; fair to good shippers, \$4 90@5 10; medium market ruled dull on Tuesday, without any change in prices. On Wednesday the demand was very light and prices declined full 15 cents. Of Michigan cattle 18 steers av 1,383 lbs sold at \$5 60; 18 do av 1.117 lbs at \$4 90; 19 do av 1.168 bs at \$4 75; 18 do av 1,052 lbs at \$4 50; 27 do av 1,164 lbs:t \$4 75; 18 do av 908 lbs at \$4; 18 do av 1,050 lbs at \$4 35; 20 do av 1,080 lbs at \$4 50; 21 do av 1,057 lbs at \$4 15; 20 do av 1,157 lbs at \$4 90

The following were the closing. QUOTATIONS: steers, stags, old cows, light heif-ers, etc.

CATTLE.—Receipts 27,599 against the 39,524 previous week. Shipments 13,249. The cattle marke opened up with a light supply and a sharp demand, which advanced prices 10@15 cents per beat \$3.80.

C Roe sold Wreford & Beck a mixed lot of 18 head of thin butchers' stock av \$28 lbs at \$3.50;
4 feeders to Shields av 1,002 lbs at \$4.50, and 2 stockers to Sullivanz with 710 lbs at \$3.50.

Ramsey sold Flieschman 7 stockers av 750 lbs at \$3.60, and 4 av 677 lbs at \$3.10.

Bently sold Wreford & Beck a mixed lot of 6 head of fair butchers' stock av 1,140 lbs at \$3.60, and 3 fair steers av 936 lbs at \$4.60.

Bently sold Burk Theorem 7, good butchers' stockers to receipts for the week were light, and Monday's rates were the basis of prices throughout. The following were the closing a stockers to shippers as the stockers to shippers and the stockers to shippers and the stockers to shippers and the stockers to shippers as the stockers to shippers and the stockers to shippers as the stockers to shippers and the hundred. Poor to choice shippers sold at a range

May delivery. Thirty-six cars of spot and 100,000 bu. of futures were sold.

Form.—Market firm with a moderate movement of stock. No. 2 sold yesterday at 44c, new mixed to stock. No. 2 sold yesterday at 44c, new mixed to stock. No. 2 sold yesterday at 44c, new mixed to stock. No. 2 white sold yesterday up to 34½c per bu.

Sold yesterday up to 34½c per bu., and No. 2 mixed at 33c. March deliveries of No. 2 mixed at 33c. March deliveries of No. 2 mixed at 33c per bu.

Barley.—Market fairly active and steady. Choice State samples would command \$1 35@1 40 per cental, and fair to good at \$1 25@1 30. Fancy samples would sell at \$1 50@1 60.

May delivery. Thirty-six cars of spot and 100,000 bu. and 3 fair steers av 936 ibs at \$4 50.

Jedle sold Burl Securer 7 good butchers steers av 938 ibs at \$4 50.

Jedle sold Sullivan a mixed lot of 15 head of fair butchers' steers av 938 ibs at \$4 50.

Webster sold Shields 12 feeders av 933 ibs at \$4 25, and 5 good helf-irs to Oberhoff av 900 ibs at \$4 25, and 5 good helf-irs to Oberhoff av 900 ibs at \$4 50.

Ramsey sold Burt Spencer 16 good oxen av 1,540 ibs and 33c at 16 25.

Ramsey sold Burt Spencer 16 good oxen av 1,540 ibs and 34 05.

Choice State samples would command \$1 35@1 40 per cental, and fair to good at \$1 25@1 30. Fancy samples would sell at \$1 50@1 60.

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Having accepted a position as Superintendant of a manufacturing firm in Ohio, we offer our farm for sale; contains 120 acres; located one mile north of Williams Station, on Kalamazoo & South Haven Branch of the M. C. R. R., and two miles west of Alama Center: a large two-story house, corn and wagon house, hog barn, tool house etc., all in good repair; good orchard, good timber, good society, good climate and good churches F. r particulars call at farm or address E. H. CHROP, Alamo Kalamazoo Co., Mich., or W. J. SCHROP, Rittman, Wayne Co., Ohio. mil0-4t

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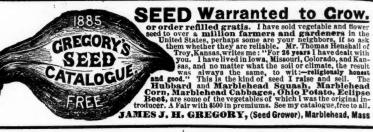


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Wichigen Crop Report, March 1, 1885—Sam

Michigan Crop Report, March 1, 1885—Sant Soils, Form of the Michigan Farmer—A Sa of Holstein Cattle—The Peach Crop—Ti British Grain Trade _Lameness in the Foot—Spinitis

> Agricultural. NOTES BY THE WAY.

the Agricultural College in Winter-I the Stock Looks in Winter Quarters-Animals to be Offered at the Sale March 25th.

The past week was utilized by payi ong-promised visit to the Agricult College. We found the institution n ing along quietly in its accustomed v with fair classes pursuing the var studies, and the faculty, as usual, from morning till night. In fact in respect most of them seem to rival cultural editors, or that proverbial of busy men-a nailer. During our we were taken in charge by the Profe of Agriculture, Mr. Samuel Johnson, under his wing a tour of the build made. At eight o'clock in the morn Professor Johnson had one class, an nine o'clock another. When three with these a visit was paid to the bot cal department, where Prof. Beal was then to a lecture room where Dr. Gra who has charge of the veterinary dep ment, was busy with his class, and w the smiling face of the genial Prof. (was encountered; next we had a look the chemical laboratory, but as Profe happened in charge appeared very b the visit was a short one. Presi Abbott was met in the new library b ing, where he has his rooms. Lieute Lockwood, detailed to look after the ing of the students in military n ments, was also interviewed for a

was to see the stock which is to be so auction on the 25th inst., and in the l they were carefully looked over. stock selected for sale consists of 26 of Shorthorns, three Ayrshires, two Jer three grade Jerseys, and two fat s The Shorthorns were all bred at the lege, the foundation of the herd laid in 1864. The foundation stock from the herds of Francis M. Rotel Samuel Thorne, of New York, and tions have been made from time to from some of the best known herds country, such as those of Wolco Campbell, Avery & Murphy, Cha Hills, and the Winslow Bros. The ilies represented are the Rose of St Victoria Duchess, Peri Duchess, imp Harriet, and Phoenix. The bulls have been Rufus 18245, bred at New Mills, Gen. Custer 29618, bred by Murphy, 3d Grand Baron 39163, bi C. Hills, of Delaware, Ohio, and Co Acomb 2d 37984, bred by Winslow of Kankakee, Ill.; the latter is now head of the herd, and is of pure Pr blood. Most of the young animals sold are sired by him.

But the principal object of our

of the families in the herd, a part retained as breeders. As a rul animals to be offered are all young not a doubtful breeder of either se be put in the ring. To show the ing of the different families, we sample pedigree of each:

The selections comprise a part o

COLLEGE ROSE, a Rose of Sharon.—R
white; calved Dec. 29, 1883. Sire, Col.
2d 37984. Dam, College Red Rose, by Sti
Morely 28837—Bonnie Red Rose, 2d,
Duke of Airdrie (19399)—Bonnie Red R
Major Duncan 5927—tracing to imp.
Sharon, by Belvedere (1706,) and the Ai
Cow, by Favorite 252.

COLLEGE DUCHESS, a Victoria.

March 22, 1884. Sire, Col. Acomb 26
Dam, College Victoria Duchess, by 23 d l
Airdrie (18393)—Victoria Duchess 4th b
Belleville 12842—Victoria Duchess 3d
Duke of College Victoria Duchess 3d Duke of Geneva 7931—tracing to imp. 20th, by Broken Horn (12500), and N Mason's Sale, by Cato 119.

COLLEGE HEBE, an imp. Harriet.—Cal' 3, 1883. Sire, Col. Acomb 2d 37984 Hebe 2d, by Rufus 18275—Hebe, by 4794—Haze, by Lord Oxford 20214—tre imp. Harriet by Denton (198). COLLEGE PERI DUCHESS 3D, a Peri 1 —Calved March 15, 1882. Sire, 3d Gran

COLLEGE PERI DUCHESS 3D, a Perl 1—Calved March 15, 1832. Sire, 3d Gran 39168. Dam, Perl Duchess 2d, by 23d Airdrie (1938)—Perl 2d, by Royal Duk ford 29021—tracing to Imp. Perl, by Gran (10284), a cow bred by Mr. Thos. Batracing to a cow by Young Denton (96) COLLEGE PHENIX 2d, a Phenix —Cal 15, 1883. Sire, 3d Grand Baron 3916. Phenix 12th, by Gloster of Ingham Phonix 5th by Llewellyn 6955—tracing Young, by Magnum Bonum (2443).